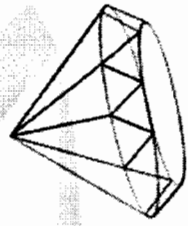




The Guide



to Wholesale Gem Pricing
Since 1982

Colored Stones

Colored stones listed in this section are in alphabetical order first by species, then variety. Colored stones in *The Guide Color* are priced according to quality. Quality ratings are *Commercial, Good, Fine* and *Extra Fine*. Detailed grading procedures can be found in the *The Guide Reference Manual*.

For each of the colored stones listed, the following information is given.

Color: The most common hue or hues are listed. Many variations are often possible. When a modifier such as brown or black is commonly seen, that modifying color is also listed. Although modifiers are not listed for each color description, they are possible for most gemstones.

Clarity: The GIA grading system for colored stones lists clarity TYPE classifications as TYPE I, TYPE II, or TYPE III. These are described in the *The Guide Reference Manual*.

Cut: The information presented here is mainly to provide insight on whether to expect native cuts or well cut stones.

Carat Weight: This information explains when prices will decrease or become negotiable as the gemstones get larger.

Reference Data: The refractive index (RI), the hardness (H), the specific gravity (SG), the fluorescence, and the spectrum are listed.

Treatment: This heading will provide the commonly encountered treatments for that stone. Additional information is found in the "Treatment" section of *The Guide Reference Manual*.

Shape/Quality/Price Correlation Chart

Often gem varieties give better yields from the rough to certain shapes. This chart will show when premiums may be necessary for various shapes. Designer or ideal cuts should be considered separately and are explained in *The Guide Reference Manual*.

Color

Spring/Summer
2006



Amber

Color

Usually yellowish or brownish but may be red, orange, black, whitish, greenish, bluish or violetish and may be dyed.

Clarity

No clarity type classification. May have insect or other organic inclusions.

Cut

Well cut cabochons usually available.

Carat Weight

All sizes readily available.

Reference Data

R/1.540 SG 1.08 + .02, -.08
 H = 2-2½
 Fluorescence: LW & SW generally green to yellowish green.

Treatment

Heat.

Prices are per stone—Cabochon—no insect inclusions

Oval	Yellow Opaque	Golden	Round	Yellow Opaque	Golden
6 X 4 mm	1.00	2.00	9 mm	2.50	5.00
8 X 6 mm	1.50	3.00	10 mm	3.00	6.00
10 X 8 mm	2.00	4.00	12 mm	3.50	7.00
12 X 10 mm	4.00	8.00	15 mm	5.00	8.00
14 X 10 mm	6.00	12.00	18 mm	8.00	12.00
16 X 12 mm	10.00	15.00	20 mm	10.00	15.00
18 X 13 mm	15.00	20.00			
20 X 15 mm	18.00	25.00			
22 X 16 mm	20.00	30.00			

With insects—free form shapes—prices are per stone

With magnified case	Barely seen	Easily seen	Very easily seen
Micro	Small	Medium	Large
25-100	100-500	500-1,000	1,000-2,500

Note: Baltic Amber is more expensive than Dominican Amber. Rare insects may be priced higher.



Andalusite

Color

Green in middle to orangy red at ends; also yellows, browns, greens; orientation and cut affect dichroism; best colors and cuts exhibit strong dichroism (not a bi-color gemstone).

Clarity

TYPE II—usually eye clean with some inclusions under magnification. Lighter tones or large stones may not be eye clean.

Cut

Well cut stones usually available, some native cuts seen. Longer shapes usually cut to exhibit stronger dichroism but all shapes cut.

Carat Weight

Over 10 carats is rare, therefore prices are negotiable.

Reference Data

R/1.634-1.643 SG 3.17 ± .04
 H = 7-7½ Bfr. 007-.013
 Fluorescence: LW inert, SW inert to moderate green to yellowish green.
 Spectrum: Varies with color.

Treatment

Not usually treated.

	Commercial	Good	Fine	Extra Fine
½ to < 1 ct.	1-4	4-6	6-8	8-10
1 to < 3 cts.	3-10	10-20	20-30	30-40
3 to < 5 cts.	10-30	30-55	55-80	80-100
5 to < 10 cts.	10-40	40-75	75-130	130-150
	20-60	60-125	125-175	175-250

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Blue/Green

Color

Can occur in hues of yellow, green, blue, purple, pink and all modifiers between (e.g. yellowish green, greenish blue, etc.).

Clarity

No clarity type classification. Cleavage often visible. Many stones, especially over 5 carats, are not eye clean.

Cut

Well cut stones usually available.

Carat Weight

Due to cleavage, stones over 5 carats are not readily available. Over 15 carats is rare, therefore prices are negotiable.

Reference Data

Rl 1.634-1.638 SG 3.18 + .05
 H = 5-5½ Bfr .002-.008
 Fluorescence: LW and SW Inert — weak.
 Spectrum: Varies with color.

Treatment

Heat.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
½ to < 1 ct.	3-6	6-15	15-30	30-45
1 to < 3 cts.	10-20	20-30	30-60	60-75
3 to < 5 cts.	10-25	25-40	40-70	70-90
5 to < 10 cts.	10-30	30-50	50-90	90-125
10 to < 15 cts.	20-40	40-65	65-95	95-135

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Benitoite

Color

Blue, violetish blue, bluish violet. May have gray modifier.

Clarity

No clarity type classification. Moderate inclusions may be present.

Cut

Well cut stones usually available.

Carat Weight

Most stones under 1 carat. Over 2 carats is rare. Over 3 carats very rare, therefore prices are negotiable.

Reference Data

Rl 1.757-1.804 SG 3.68 + .01, -.07
 H = 6-6½ Bfr .047
 Fluorescence: LW Inert — weak, SW Weak — strong.
 Spectrum: None.

Treatment

Not usually treated.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
< ½ ct.	100-200	200-350	350-500	500-750
½ to < 1 ct.	200-350	350-550	550-775	775-1,000
1 to < 2 cts.	250-500	500-850	850-1,800	1,800-2,400
2 to < 3 cts.	500-800	800-1,800	1,800-2,500	2,500-3,000

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
Round	As shown	As shown	As shown	As shown
Other Shapes	0% to -5%	0% to -5%	0% to -5%	0% to -5%



Aquamarine

Color Blue, very slightly greenish blue, greenish blue, very strongly greenish blue, green-blue. Most aquamarine is heated to remove the green component.

Clarity TYPE I — usually eye clean and very high clarity under magnification.

Cut Well cut stones usually available; some native cuts seen.

Carat Weight Large stones readily available. Prices may decrease above 25 carats.

Reference Data

R/ 1.577-1.583 SG 2.72 + .18, -.05
 H = 7½-8 Bir. 005-.009
 Fluorescence: LW and SW inert.
 Spectrum: An indistinct line in the green and blue at 5370 and 4560 respectively and a strong line in the violet at 4270 A.U., depending on the depth of color of the stone.

Treatment Heat.

	Commercial	Good	Fine	Extra Fine
	1-4	4-6	6-8	8-10
¼ to < 1 ct.	3-15	15-55	55-120	120-200
1 to < 3 cts.	5-25	25-60	60-250	250-550
3 to < 5 cts.	10-35	35-70	70-255	255-550
5 to < 10 cts.	25-50	50-150	150-325	325-600
10 to < 25 cts.	25-55	55-125	125-375	375-450
25 to < 50 cts.	15-65	65-115	115-200	200-350

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Emerald

Color Very strongly bluish green, bluish green, very slightly bluish green, green, slightly yellowish green.

Clarity TYPE III — usually eye visible inclusions.

Cut Native cuts usually seen; well cut stones rarely available.

Carat Weight Over 15 carats is rare in finer qualities, therefore prices are negotiable. Very large commercial-quality Emeralds are readily available.

Reference Data

R/ 1.577-1.583 SG 2.72 + .18, -.05
 H = 7½-8 Bir. 005-.009
 Fluorescence: LW & SW inert to orange red to red.
 Spectrum: Distinct lines in the red at 6830 and 6805 A.U. Less distinct lines at 6620 and 6460 A.U. Partial absorption of the orange-yellow between 6300 and 5800 A.U., and almost complete absorption of the violet.

Treatment Oil, resin filling.

Melee

MM size	Approx. Weight	Commercial	Good	Fine	Extra Fine
		1-4	4-6	6-8	8-10
1 to 3	.02 to .10	10-40	40-275	275-500	500-875
3 to 4	.10 to .25	15-120	120-425	425-725	725-1,250
4 to 5	.25 to .50	25-200	200-500	500-1,250	1,250-1,500

Cabochon Cut

	Commercial	Good	Fine	Extra Fine
	1-4	4-6	6-8	8-10
1 to < 5 cts.	20 and up	100-450	450-1,250	1,250 & up
5 to < 10 cts.	40 and up	250-750	750-2,500	2,500 & up



Emerald (All origins)

Notes: The Guide Emerald prices are based on a moderate level of treatment. Unenhanced Emeralds command a premium. Prominent or extensive treatment requires a discount. For enhancement premiums and discounts, see the "Treatment" section of The Guide Reference Manual.

	Commercial		
	Lower 1-2	Middle 2-3	Upper 3-4
½ to < 1 ct.	15-35	35-55	55-115
1 to < 2 cts.	20-45	45-100	100-275
2 to < 3 cts.	30-65	65-150	150-400
3 to < 4 cts.	35-75	75-250	250-600
4 to < 5 cts.	40-95	95-350	350-750
5 to < 6 cts.	45-120	120-400	400-850
6 to < 8 cts.	50-140	140-500	500-1,000
8 to < 15 cts.	75-200	200-600	600-1,500

	Good			
	4-5	5-6	6-7	Fine 7-8
½ to < 1 ct.	115-325	325-550	550-1,000	1,000-1,550
1 to < 2 cts.	275-500	500-1,350	1,350-2,400	2,400-3,500
2 to < 3 cts.	400-950	950-1,800	1,800-3,000	3,000-4,500
3 to < 4 cts.	600-1,000	1,000-2,000	2,000-3,300	3,300-5,500
4 to < 5 cts.	750-1,250	1,250-2,400	2,400-3,750	3,750-6,000
5 to < 6 cts.	850-1,500	1,500-3,000	3,000-4,250	4,250-8,000
6 to < 8 cts.	1,000-2,250	2,250-3,500	3,500-6,000	6,000-9,000
8 to < 15 cts.	1,500-2,600	2,600-4,350	4,350-6,500	6,500-10,000



Emerald (All origins)

Notes: The Guide Emerald prices are based on a moderate level of treatment. Unenhanced Emeralds command a premium. Prominent or extensive treatment requires a discount. For enhancement premiums and discounts, see the "Treatment" section of The Guide Reference Manual.

	Extra Fine	
	8-9	9-10
½ to < 1 ct.	1,550-2,250	2,250-3,300
1 to < 2 cts.	3,500-4,500	4,500-6,500
2 to < 3 cts.	4,500-6,000	6,000-8,000
3 to < 4 cts.	5,500-6,750	6,750-10,000
4 to < 5 cts.	6,000-9,000	9,000-11,000
5 to < 6 cts.	8,000-10,000	10,000-12,500
6 to < 8 cts.	9,000-12,000	12,000-15,000
8 to < 10 cts.	10,000-14,500	14,500-19,000

Shape/Quality/Price Correlation Chart – Melee

	Commercial	Good	Fine	Extra Fine
Round, Oval or Emerald	As shown	As shown	As shown	As shown
Marquise or Pear	0% to 5%	-5% to 10%	-5% to 10%	-5% to 10%
Square	15%	15%	15%	15%
Slight enhancement	5%	5% to 10%	10% to 20%	20% to 30%



Golden Beryl

Color Greenish yellow, yellow, orangy yellow.

Clarity TYPE I — usually eye clean, very high clarity to minor inclusions under magnification.

Cut Native cuts usually seen; well cut stones sometimes available.

Carat Weight Large stones somewhat available. Over 20 carats, prices are negotiable.

Reference Data
 RI 1.577-1.583 SG 2.72 + .18, - .05
 H = 7½-8 Bir. .005-.009
 Fluorescence: LW & SW Inert.
 Spectrum: None.

Treatment Heat, irradiation.

	Commercial	Good	Fine	Extra Fine
	1-4	4-6	6-8	8-10
1 to < 3 cts.	8-25	25-30	30-40	40-55
3 to < 5 cts.	8-25	25-35	35-50	50-70
5 to < 10 cts.	8-35	35-50	50-75	75-100
10 to < 20 cts.	10-50	50-60	60-100	100-250

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown

Green Beryl

Color

Very strongly bluish green, bluish green, very slightly bluish green, green, slightly yellowish green, yellowish green, strongly yellowish green. Tone and saturation levels distinguish Green Beryl from Emerald.

Clarity

TYPE I — usually eye clean, very high to minor inclusions under magnification. Some very large stones may have more or larger inclusions.

Cut Native cuts usually seen; well cut stones sometimes available.

Carat Weight Large stones readily available. Prices may decrease above 20 carats.

Reference Data
 RI 1.577-1.583 SG 2.72 + .18, - .05
 H = 7½-8 Bir. .005-.009
 Spectrum: Indistinct lines at 4650 and 5375 A.U. Strong absorption from 6600 to 7000 A.U.

Treatment Oiling.

	Commercial	Good	Fine	Extra Fine
	1-4	4-6	6-8	8-10
1 to < 5 cts.	5-15	15-35	35-75	75-125
5 to < 10 cts.	5-20	20-60	60-85	85-200
10 to < 20 cts.	10-50	50-90	90-150	150-250
20 to < 50 cts.	10-40	40-75	75-100	100-200

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Golden Beryl

Color Greenish yellow, yellow, orangy yellow.

Clarity TYPE I — usually eye clean, very high clarity to minor inclusions under magnification.

Cut Native cuts usually seen; well cut stones sometimes available.

Carat Weight Large stones somewhat available. Over 20 carats, prices are negotiable.

Reference Data R/ 1.577-1.583 SG 2.72 + .18, -.05
H = 7½-8 Bir. .005-.009
Fluorescence: LW & SW Inert.
Spectrum: None.

Treatment Heat, irradiation.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
1 to < 3 cts.	8-25	25-30	30-40	40-55
3 to < 5 cts.	8-25	25-35	35-50	50-70
5 to < 10 cts.	8-35	35-50	50-75	75-100
10 to < 20 cts.	10-50	50-60	60-100	100-250

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown

Green Beryl

Color

Very strongly bluish green, bluish green, very slightly bluish green, green, slightly yellowish green, yellowish green, strongly yellowish green. Tone and saturation levels distinguish Green Beryl from Emerald.

Clarity

TYPE I — usually eye clean, very high to minor inclusions under magnification. Some very large stones may have more or larger inclusions.

Cut Native cuts usually seen; well cut stones sometimes available.

Carat Weight Large stones readily available. Prices may decrease above 20 carats.

Reference Data R/ 1.577-1.583 SG 2.72 + .18, -.05
H = 7½-8 Bir. .005-.009
Spectrum: Indistinct lines at 4650 and 5375 A.U. Strong absorption from 6600 to 7000 A.U.

Treatment Oiling.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
1 to < 5 cts.	5-15	15-35	35-75	75-125
5 to < 10 cts.	5-20	20-60	60-85	85-200
10 to < 20 cts.	10-50	50-90	90-150	150-250
20 to < 50 cts.	10-40	40-75	75-100	100-200

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Morganite

Color Purple-red, strongly purplish red, slightly purplish red, red. Lighter tones and saturation levels.

Clarity TYPE I — usually eye clean and very high clarity under magnification.

Cut Well cut stones usually available; some native cuts seen.

Carat Weight Large stones readily available. Prices may decrease above 20 carats.

Reference Data
 RI 1.577-1.583 SG 2.72 + .18, -.05
 H = 7½-8 Bir .005-.009
 Fluorescence: LW and SW inert to pink to violetish red.
 Spectrum: None.

Treatment Heat.

	Commercial	Good	Fine	Extra Fine
1 to < 3 cts.	1-4	4-6	6-8	8-10
3 to < 5 cts.	3-10	10-40	40-90	90-200
5 to < 10 cts.	5-15	20-50	50-100	100-400
10 to < 20 cts.	5-25	30-60	60-135	135-500
20 to < 50 cts.	10-40	40-75	75-150	150-500
	5-40	40-75	75-150	150-300

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown

Agate Cameo

Color Any.

Clarity No clarity type classification.

Cut Oval cameo with flat bottom; price distinction for hand carved vs. machine carved.

Carat Weight Standard calibrated sizes readily available.

Reference Data
 RI 1.535-1.539 SG 2.60 + .10, -.05
 H = 6½-7 Bir .000-.004

Treatments Heat, dyeing.

Hand Carved Cameos — Prices are per piece

	Commercial	Good	Fine	Extra Fine
Small 16 x 12 mm to 20 x 15 mm	25-75	75-150	150-250	250-400
Medium 25 x 18 mm to 35 x 27 mm	75-150	150-250	250-350	350-600
Large 40 x 30 mm	125-250	250-350	350-600	600-900

Machine Carved Cameos — Prices are per piece

	Commercial	Good	Fine	Extra Fine
Small 16 x 12 mm to 20 x 15 mm	20-50	50-75	75-125	125-175
Medium 25 x 18 mm to 35 x 27 mm	30-100	100-200	200-250	250-300
Large 40 x 30 mm	50-200	200-275	275-325	325-400



Black Onyx

Color Black; all stones dyed.

Clarity No clarity type classification — opaque.

Cut Various shapes flat or cabochon.

Carat Weight Any.

Reference Data R/ 1.535-1.529 SG 2.60 +.10, -.05
H = 6½-7 Bfr. .000-.004

Treatment Dyeing.

	Fine
5 x 3 mm to 30 x 15 mm	1-15

Bloodstone

Color Dark green with red to brownish red spots.

Clarity No clarity type classification — opaque.

Cut Various shapes flat or cabochon.

Carat Weight Any.

Reference Data R/ 1.535-1.539 SG 2.60 +.10, -.05
H = 6½-7 Bfr. .000-.004

Treatment Dyeing.

	Good to Fine
5 x 3 mm to 30 x 15 mm	5-30



Carnelian

Color Red, orange-red, brown modifier; semitransparent to translucent.

Clarity No clarity type classification.

Cut Various shapes — flat.

Carat Weight Any.

Reference Data RI 1.535-1.539 SG 2.60 + .10, -.05
H = 6½-7 Bfr. 000-.004

Treatment Dyeing, heat.

	Fine
5 x 3 mm to 20 x 15 mm	5-20

Fire Agate

Color Brown with play of color in various hues.

Clarity No clarity type classification — opaque.

Cut Calibrated or free from cabochons; may not be smooth cabochons — possible irregular surface.

Carat Weight Stones up to 20 carats readily available.

Reference Data RI 1.535-1.539 SG 2.60 + .10, -.05
H = 6½-7 Bfr. 000-.004

Treatments Dyeing.

	Commercial	Good	Fine	Extra Fine
< 1 ct.	1-4	4-6	6-8	8-10
1 to < 5 cts.	1-2	2-4	4-6	6-10
5 to < 20 cts.	1-2	2-6	6-10	10-20
	1-5	5-10	10-15	15-35



Alexandrite

Color

Color should be checked in daylight (fluorescent) and incandescent light for color change. Brazilian stones are usually varied hues of slightly yellowish green to bluish green (daylight) and orangy red to purple-red (incandescent light). Russian stones are usually various hues of green (daylight) and red (incandescent light).

Clarity

TYPE II — usually eye clean, with some inclusions under magnification. Some Brazilian stones may be very high clarity under magnification.

Cut

Native cuts usually seen; well cut stones sometimes available.

Carat Weight

Over 3 carats is rare. Over 5 carats, prices are negotiable.

Reference Data

R/ 1.746-1.755 SG 3.73 ± 02
H = 8½ Bir. .008-.018

Fluorescence: LW and SW weak red.

Spectrum: A strong doublet at 6805 and 6785 A.U. and weak lines at 6650 and 6550 and 6450 A.U. Partial absorption of the yellow between 5800 and 6300 as well as three weak lines in the blue at 4765, 4730 and 4680 A.U. Also general absorption in the violet.

Treatment

Not usually treated.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
< ½ ct.	100 and up	500-2,000	2,000-3,000	3,000-4,000
½ to < 1 cts.	150 and up	700-2,500	2,500-4,000	4,000-5,500
1 to < 2 cts.	200 and up	800-3,000	3,000-5,500	5,500-7,500
2 to < 3 cts.	500 and up	1,500-3,500	3,500-6,500	6,500-9,000
3 to < 5 cts.	750 and up	2,500-4,500	4,500-7,500	7,500-12,500

	Commercial	Good	Fine	Extra Fine
< 1 ct., all shapes	As shown	As shown	As shown	As shown
1 ct. or >, oval or cushion	As shown	As shown	As shown	As shown
1 ct. or >, other shapes	Negotiable	Negotiable	Negotiable	Negotiable

Cat's-Eye Chrysoberyl

Color

Orangy yellow, yellow, greenish yellow, yellow-green, strongly yellowish green, yellowish green, slightly yellowish green, green; brown or grey modifiers to these hues.

Clarity

No clarity type classification.

Cut

Cabochon; native cuts with underbelly usually seen.

Carat Weight

Over 10 carats is rare, therefore prices are negotiable.

Reference Data

R/ 1.746-1.755 SG 3.73 ± 02
H = 8½ Bir. .008-.018

Fluorescence: LW and SW inert.

Treatment

Irradiation (rare).

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
½ to < 1 ct.	35 and up	180-275	275-450	450-575
1 to < 3 cts.	65 and up	275-700	700-1,350	1,350-2,100
3 to < 5 cts.	90 and up	550-1,000	1,000-2,000	2,000-2,900
5 to < 10 cts.	180 and up	725-2,000	2,000-2,700	2,700-4,500

CHRYSOBERYL



Yellow/Green Chrysoberyl

Color Yellow, greenish yellow, yellow-green, strongly yellowish green, yellowish green, slightly yellowish green, green, brown modifier to these hues.

Clarity TYPE I — usually eye clean, very high clarity to minor inclusions under magnification.

Cut Native cuts usually seen; well cut stones sometimes available.

Carat Weight Over 15 carats is rare, therefore prices are negotiable.

Reference Data RI 1.746-1.755 SG 3.73 ± 0.2
H = 8½ Bir .008-.018

Fluorescence: LW and SW inert.
Spectrum: A strong band in the bluish-violet at 4450 A.U.

Treatment Irradiation (rare).

	Commercial	Good	Fine	Extra Fine
1 to < 3 cts.	1-4	4-6	6-8	8-10
3 to < 5 cts.	5-20	20-40	40-60	60-80
5 to < 10 cts.	10-25	25-50	50-75	75-100
10 to < 15 cts.	10-40	40-75	75-150	150-250
	10-50	50-125	125-200	200-350

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Coral

Color Black, pink, salmon, red. May be dyed other colors.

Clarity No clarity type classification — opaque.

Cut Oval cabochon most common. Only prices given.

Carat Weight Any.

Reference Data RI 1.486-1.658 SG 2.65 + .05
H = 3½-4 Bir .172

Treatment Bleaching, dyeing.

Prices are per stone except larger sizes of red

	Black	Pink	Salmon	Red
6 x 4 mm	1	1	2	8
8 x 6 mm	2	2	3	15
10 x 8 mm	3	4	8	40
12 x 10 mm	4	12	25	55
14 x 10 mm	6	25	40	15-20 per carat
16 x 12 mm	8	40	60	20-30 per carat
18 x 13 mm	9	60	80	30-50 per carat

CORAL

**Black Star Sapphire**

Color Black, grayish black. May be translucent to opaque.

Clarity No clarity classification.

Cut Well cut cabochons usually available.

Carat Weight Large stones readily available. Prices may decrease above 20 carats.

Reference Data R/ 1.762-1.770 SG 4.00 + .10, -.05
H = 9 Bfr. .008

Treatment Oiling, dyeing.

	Commercial	Good	Fine	Extra Fine
	1-4	4-6	6-8	8-10
½ to < 1 ct.	1-2	2-5	5-10	10-15
1 to < 5 cts.	2-4	4-12	12-20	20-30
5 to < 10 cts.	2-8	8-15	15-30	30-50
10 to < 20 cts.	2-10	10-25	25-50	50-70
20 to < 50 cts.	2-10	10-20	20-35	35-65

Note: Golden-ray black star sapphire may command up to 30% more than comparable white-ray black star sapphire.

**Blue Sapphire**

Color Violet, bluish violet, violetish blue, blue, very slightly greenish blue, greenish blue, very strongly greenish blue.

Clarity TYPE II — usually eye clean with some inclusions under magnification.

Cut Native cuts usually seen; well cut stones sometimes available.

Carat Weight Over 20 carats is rare in finer qualities, therefore prices are negotiable. Very large commercial-quality Blue Sapphires are readily available.

Reference Data R/ 1.762-1.770 SG 4.00 + .10, -.05
H = 9 Bfr. .008-.010

Treatment Fluorescence: LW & SW inert to weak chalky blue to yellow or greenish white.
Spectrum: Three bands in the blue at approximately 4500, 4600, 4700 Å.U.

Heat Heat.

Melee

MM size	Approx. Weight	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
1 to 3	.02 to .16	10-30	30-70	70-140	140-300
3 to 4	.16 to .36	10-30	30-100	100-225	225-325
4 to 4½	.36 to .50	20-50	50-120	120-225	225-500

Cabochon cut

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
1 to < 5 cts.	9-60	60-270	270-900	900 and up
5 to < 10 cts.	25-90	90-450	450-1,350	1,350 and up

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Blue Sapphire (All origins except Burma, Kashmir, Montana)

Blue Sapphire (All origins except Burma, Kashmir, Montana)

Note: Burma Sapphires are priced on separate grids. Kashmir is priced on an individual basis. Insufficient data exists at this time to report prices on Kashmir. *The Guide Blue Sapphire* prices are based on the assumption of heat treatment. Untreated Blue Sapphire will command a premium. Gems with cavity filling will require a discount. For enhancement premiums and discounts, see the "Treatment" section of *The Guide Reference Manual*.

Note: Burma Sapphires are priced on separate grids. Kashmir is priced on an individual basis. Insufficient data exists at this time to report prices on Kashmir. *The Guide Blue Sapphire* prices are based on the assumption of heat treatment. Untreated Blue Sapphire will command a premium. Gems with cavity filling will require a discount. For enhancement premiums and discounts, see the "Treatment" section of *The Guide Reference Manual*.

	Commercial		
	Lower 1-2	Middle 2-3	Upper 3-4
½ to < 1 ct.	10-15	15-30	30-60
1 to < 2 cts.	20-35	35-75	75-125
2 to < 3 cts.	35-55	55-100	100-275
3 to < 4 cts.	35-65	65-175	175-350
4 to < 5 cts.	40-80	80-250	250-400
5 to < 6 cts.	40-100	100-300	300-500
6 to < 8 cts.	50-150	150-375	375-800
8 to < 10 cts.	55-175	175-450	450-900
10 to < 20 cts.	70-200	200-500	500-1,000

	Good				Fine	
	4-5	5-6	6-7	7-8		
½ to < 1 ct.	60-95	95-200	200-320	320-450		
1 to < 2 cts.	125-250	250-425	425-675	675-1,250		
2 to < 3 cts.	275-350	350-625	625-1,025	1,025-1,825		
3 to < 4 cts.	350-600	600-975	975-1,650	1,650-2,200		
4 to < 5 cts.	400-700	700-1,200	1,200-1,825	1,825-2,400		
5 to < 6 cts.	500-900	900-1,550	1,550-2,500	2,500-4,200		
6 to < 8 cts.	800-1,300	1,300-1,800	1,800-2,800	2,800-4,200		
8 to < 10 cts.	900-1,900	1,900-2,500	2,500-3,300	3,300-4,700		
10 to < 20 cts.	1,000-2,000	2,000-2,700	2,700-4,300	4,300-5,500		



Blue Sapphire (All origins except Burma, Kashmir, Montana)

Note: Burma Sapphires are priced on separate grids. Kashmir is priced on an individual basis. Insufficient data exists at this time to report prices on Kashmir. *The Guide Blue Sapphire* prices are based on the assumption of heat treatment. Untreated Blue Sapphire will command a premium. Gems with cavity filling will require a discount. For enhancement premiums and discounts, see the "Treatment" section of *The Guide Reference Manual*.

	Extra Fine	
	8-9	9-10
½ to < 1 ct.	450-650	650-870
1 to < 2 cts.	1,250-1,600	1,600-2,000
2 to < 3 cts.	1,825-2,400	2,400-3,000
3 to < 4 cts.	2,200-3,200	3,200-4,000
4 to < 5 cts.	2,400-3,600	3,600-4,500
5 to < 6 cts.	4,200-4,500	4,500-5,000
6 to < 8 cts.	4,200-5,000	5,000-5,500
8 to < 10 cts.	4,700-5,500	5,500-6,500
10 to < 20 cts.	5,500-8,000	8,000-12,000

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
Cushion or Emerald	As shown	0% to 7%	7% to 12%	12% to 20%
Oval	As shown	As shown	As shown	As shown
Round or Heart	As shown	0% to 7%	7% to 15%	10% to 20%
Pear or Marquise	-0% to 5%	-5% to 10%	-5% to -10%	-5% to -10%
Princess Melee	5% to 10%	10% to 15%	15% to 20%	20% to 25%



Blue Sapphire (Burma)

Note: Only *Fine* and *Extra Fine* categories are reported. Burmese Sapphire are assumed to be unheated. This grid comprises Sapphire from several locations within Burma. Although some dealers currently assign a higher premium to classical sources such as Mogok over those of the more recent Burmese locations, this is not an absolute. Some overlapping occurs between the pricing in this grid and the general Blue Sapphire price grids. The overlap results from the fact that not all dealers place a premium on origin, as well as that exceptional material is sometimes produced at other sources.

	Fine		Extra Fine	
	6-7	7-8	8-9	9-10
1 to < 2 cts.	1,000-1,200	1,200-1,700	1,700-2,400	2,400-3,300
2 to < 3 cts.	1,200-1,650	1,650-2,500	2,500-3,300	3,300-4,600
3 to < 4 cts.	2,000-2,300	2,300-3,300	3,300-3,800	3,800-5,500
4 to < 6 cts.	2,900-3,500	3,500-4,800	4,800-5,500	5,500-9,000
6 to < 10 cts.	3,500-4,700	4,700-6,500	6,500-9,500	9,500-10,500
10 to < 20 cts.	5,500-6,500	6,500-8,500	8,500-12,000	12,000 and up

CORUNDUM**Blue Sapphire (Montana)**

Color Various colors, blue, violetish blue, very slightly grayish blue, greenish blue, bluish green and green are most common.

Clarity TYPE II—usually eye clean with some inclusion under magnification.

Cut Calibrated diamond cuts available.

Carat Weight Melee most common, stones up to 2 carat are available. Stones over 3 carats are rare in most qualities, therefore prices are negotiable.

Reference Data R/ 1.762-1.770 SG 4.00 + .10, -.05
H = 9 Bfr .008-.010
Fluorescence: LW & SW Typically inert.

Treatment Heat.

**Blue Sapphire (Montana)**

Color Various colors, blue, violetish blue, very slightly grayish blue, greenish blue, bluish green and green are most common.

Clarity TYPE II—usually eye clean with some inclusion under magnification.

Cut Calibrated diamond cuts available.

Carat Weight Melee most common, stones up to 2 carat are available. Stones over 3 carats are rare in most qualities, therefore prices are negotiable.

Reference Data R/ 1.762-1.770 SG 4.00 + .10, -.05
H = 9 Bfr .008-.010
Fluorescence: LW & SW typically inert.

Treatment Heat.

CORUNDUM**Blue**

Size	Avg. Ct. Wt.	Good	Fine	Extra Fine
< 3 mm	0.04-0.13	60-70	70-90	90-120
3 to 3.99 mm	0.13-0.30	65-80	80-110	110-150
4 to 4.99 mm	0.30-0.60	100-120	120-150	150-200
5 to 5.99 mm	0.60-0.99	150-200	200-250	250-400
6 to 6.99 mm	1.00-1.69	250-350	350-450	450-800

Greenish Blue. Sold under the trade name Glacier

Size	Avg. Ct. Wt.	Good	Fine	Extra Fine
< 3 mm	0.04-0.13	60-70	70-75	75-90
3 to 3.99 mm	0.13-0.30	70-85	85-95	95-110
4 to 4.99 mm	0.30-0.60	100-110	110-130	130-160
5 to 5.99 mm	0.60-0.99	150-180	180-200	200-225
6 to 6.99 mm	1.00-1.69	200-250	250-350	350-400

Bluish Green. Sold under the trade name River.

Size	Avg. Ct. Wt.	Good	Fine	Extra Fine
< 3 mm	0.04-0.13	55-60	60-70	70-85
3 to 3.99 mm	0.13-0.30	65-75	75-90	90-105
4 to 4.99 mm	0.30-0.60	90-105	105-150	150-175
5 to 5.99 mm	0.60-0.99	135-170	170-190	190-210
6 to 6.99 mm	1.00-1.69	180-230	230-275	275-325

Green. Sold under the trade name Evergreen.

Size	Avg. Ct. Wt.	Good	Fine	Extra Fine
< 3 mm	0.04-0.13	60-70	70-90	90-120
3 to 3.99 mm	0.13-0.30	65-80	80-110	110-150
4 to 4.99 mm	0.30-0.60	100-120	120-150	150-200
5 to 5.99 mm	0.60-0.99	150-200	200-250	250-400
6 to 6.99 mm	1.00-1.69	250-350	350-450	450-600

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Blue Star Sapphire

Color Bluish violet, violetish blue, blue; also grey modifier to these hues. May be translucent to opaque.

Clarity No clarity classification. Usually eye visible inclusions.

Cut Native cuts usually seen.

Carat Weight Large stones readily available. However, Fine and Extra Fine material is becoming increasingly scarce on all sizes, due to treatment of rough to produce facet-grade material. Prices may decrease above 20 carats except for Extra Fine category.

Reference Data R/ 1.762-1.770 SG 4.00 + .10, -.05
H = 9 Bfr .008-.010

Treatment Oiling.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
1/2 to < 1 ct.	10-25	25-100	100-175	175-300
1 to < 3 cts.	25-150	150-325	325-800	800-1,000
3 to < 5 cts.	45-225	225-650	650-1,100	1,100-2,600
5 to < 10 cts.	70-225	225-700	700-1,350	1,350-3,000
10 to < 20 cts.	50-225	225-800	800-1,500	1,500-3,300
20 to < 50 cts.	50-225	225-850	850-2,200	Negotiable

Color Change Sapphire

Color Change Sapphire is sometimes referred to as Alexandrite-Like Sapphire in the trade.

Color Color should be checked in daylight (fluorescent) and incandescent light for color change. Color ranges from blue to violet (daylight) and bluish purple to strongly purplish red (incandescent light).

Clarity TYPE II — usually eye clean with some inclusions under magnification.

Cut Native cuts usually seen.

Carat Weight Over 10 carats is rare, therefore prices are negotiable.

Reference Data R/ 1.762-1.770 SG 4.00 + .10, -.05
H = 9 Bfr .008

Treatment Heat.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
1 to < 3 ct.	50 and up	150-300	300-450	450-800
3 to < 5 cts.	75 and up	300-500	500-900	900-1,500
5 to < 10 cts.	100 and up	500-700	700-1,200	1,200-2,000

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
Cushion	As shown	3% to 5%	5% to 8%	8% to 12%
All other shapes	As shown	As shown	As shown	As shown

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Golden/Yellow Sapphire

Note: The Guide yellow sapphire prices are based on the assumption of heat treatment. Untreated yellow sapphire will command a premium. Bulk-diffusion treated sapphire will require a discount. For an explanation of the surface-diffusion process and additional information regarding identification, see the "Treatment" section of *The Guide Reference Manual*.

Color Greenish yellow, yellow, orangy yellow.

Clarity TYPE II — usually eye clean with some inclusions under magnification.

Cut Native cuts usually seen; well cut stones sometimes available.

Carat Weight Over 20 carats in finer qualities is rare, therefore prices are negotiable.

Reference Data RI 1.762-1.770 SG 4.00 +.10, -.05
H = 9 Brf .008-.010

Fluorescence: LW Strong orangy red.
Spectrum: Iron lines at 4500 A.U., 4600 A.U. and 4700 A.U.
prove natural if present.

Treatment Heat, beryllium-diffusion.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
1 to < 3 cts.	10-40	40-100	100-250	250-400
3 to < 5 cts.	20-100	100-275	275-450	450-650
5 to < 10 cts.	35-100	100-300	300-525	525-700
10 to < 20 cts.	50-150	150-300	300-550	550-725

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
Round	10% to 15%	10% to 15%	15% to 25%	15% to 25%
Cushion	10% to 15%	10% to 15%	15% to 25%	15% to 25%
Pear or Oval	As Shown	As Shown	As Shown	As Shown
Marquise or Emerald	-5% to 10%	-5% to 10%	-5% to 10%	-5% to 10%

Green Sapphire

Green-blue, very strongly bluish green, bluish green, very slightly bluish green, green, slightly yellowish green, yellowish green, strongly yellowish green, yellow-green.

Color Green-blue, very strongly bluish green, bluish green, very slightly bluish green, green, slightly yellowish green, yellowish green, strongly yellowish green, yellow-green.

Clarity TYPE II — usually eye clean, with some inclusions under magnification.

Cut Native cuts usually seen; well cut stones sometimes available.

Carat Weight Over 10 carats is rare, therefore prices are negotiable.

Reference Data RI 1.762-1.770 SG 4.00 +.10, -.05
H = 9 Brf .008-.010

Fluorescence: LW & SW Inert.
Spectrum: Three strong bands in the blue at approximately 4500, 4600 and 4700 A.U.

Treatment Heat.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
1/2 to < 1 ct.	5-10	10-15	15-40	40-65
1 to < 3 cts.	15-25	25-100	100-225	225-300
3 to < 5 cts.	30-75	75-200	200-350	350-500
5 to < 10 cts.	45-100	100-325	325-475	475-800

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
Cushion	As shown	As shown	5% to 8%	8% to 12%
All other shapes	As shown	Negotiable	Negotiable	Negotiable



Orange Sapphire

Note: The Guide orange sapphire prices are based on the assumption of heat treatment. Untreated orange sapphire may command a premium. Beryllium treated sapphire will require a discount. For an explanation of the beryllium diffusion process and additional information regarding identification and enhancement premiums and discounts, see the *Treatment* section of *The Guide Reference Manual*.

Color Yellowish orange, orange, reddish orange.

Clarity TYPE II — usually eye clean, with some inclusions under magnification.

Cut Native cuts usually seen; well cut stones sometimes available.

Carat Weight Over 20 carats in finer qualities is rare, therefore prices are negotiable.

Reference Data

R1 1.762-1.770 SG 4.00 + 10, -.05
H = 9 Bir .008-.010

Fluorescence: LW Strong orangy red.
Spectrum: Iron lines at 4500 A.U., 4600 A.U. and 4700 A.U.
prove natural if present.

Treatment Heat, Beryllium-diffusion, irradiation.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
1 to < 3 cts.	30 & up	175-375	375-650	650-1,000
3 to < 5 cts.	50 & up	300-600	600-1,000	1,000-1,500
5 to < 10 cts.	50 & up	475-750	750-1,250	1,250-2,000
10 to < 20 cts.	70 & up	700-1,250	1,250-1,650	1,650-2,400

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
Round	10% to 15%	10% to 15%	15% to 25%	15% to 25%
Cushion	10% to 15%	10% to 15%	15% to 25%	15% to 25%
Pear or Oval	As shown	As shown	As Shown	As Shown
Marquise or Emerald	-5% to 10%	-5% to 10%	-5% to 10%	-5% to 10%

Padparadscha

Note: The Guide padparadscha sapphire prices for the *Fine* and *Extra Fine* grades are based on unenhanced stones. Treated stones will trade at a discount of as much as 70%. Refer to the *Treatment* section of the *Guide Reference Manual* for additional information on sapphire treatments.

Color

Light to medium tones of pinkish-orange to orange-pink hues without any brown color modifier. If the stone has a brown secondary color, it is not a padparadscha. This description of color must be fully met to truly be labeled as Padparadscha. Many gemstones are falsely labeled as such.

Clarity TYPE II — usually eye clean with some inclusions under magnification.

Cut Native cuts usually seen.

Carat Weight

Over 7 carats is rare, therefore prices are negotiable.

Reference Data

R1 1.762-1.770 SG 4.00 + 10, -.05
H = 9 Bir .008-.010

Fluorescence: LW Strong orange-red.

Treatment Heat, Beryllium-diffusion is used to create imitation padparadscha sapphires.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
1 to < 2 cts.	75 and up	300-900	900-2,000	2,000-3,600
2 to < 3 cts.	80 and up	400-1,200	1,200-4,000	4,000-6,500
3 to < 5 cts.	100 and up	800-3,000	3,000-5,500	5,500-8,000
5 to < 7 cts.	150 and up	1,200-3,500	3,500-7,000	7,000-12,000

Note: Due to rarity, padparadscha prices are highly subjective and may have a large price variance above or below *The Guide* prices.

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
Cushion	As shown	As shown	5% to 10%	10% to 15%
All other shapes	Negotiable	Negotiable	Negotiable	Negotiable



Pink Sapphire

Color Strongly purplish red, slightly purplish red, red. Tone and saturation levels distinguish pink sapphire from ruby.

Clarity TYPE II — usually eye clean with some inclusions under magnification.

Cut Native cuts seen; well made stones available.

Carat Weight Over 10 carats is rare, therefore prices are negotiable.

Reference Data RI 1.762-1.770 SG 4.00 +.10, -.05
H = 9 Bfr. 008-.010
Fluorescence: LW strong red; SW weak orangy-red.

Treatment Heat.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
½ to < 1 ct.	25-45	45-100	100-200	200-350
1 to < 2 cts.	35-75	75-200	200-450	450-900
2 to < 3 cts.	45-120	120-350	350-700	700-1,300
3 to < 4 cts.	100-200	200-475	475-1,150	1,150-2,000
4 to < 5 cts.	125-275	275-600	600-1,350	1,350-2,000
5 to < 7 cts.	275-550	550-1,250	1,250-2,000	2,000-3,200
7 to < 10 cts.	525-750	750-1,875	1,875-3,000	3,000-4,800

Note: Un-enhanced pink sapphire may bring a 25%-50% higher premium.

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
Round	10% to 15%	10% to 15%	15% to 25%	15% to 25%
Cushion	10% to 15%	10% to 15%	15% to 25%	15% to 25%
Pear or Oval	As shown	As shown	As Shown	As Shown
Marquise or Emerald	-5% to 10%	-5% to 10%	-5% to 10%	-5% to 10%



Purple Sapphire

Color Bluish purple, purple, reddish purple, purple-red. The purple-red variety may receive a slight discount from *The Guide* prices.

Clarity TYPE II — usually eye clean with some inclusions under magnification.

Cut Native cuts often seen; well cut stones sometimes available.

Carat Weight Over 10 carats is rare, therefore prices are negotiable.

Reference Data RI 1.762-1.770 SG 4.00 +.10, -.05
H = 9 Bfr. 008-.010
Fluorescence: LW strong red; SW weak light red.
Spectrum: May show a combination of the Ruby spectrum (chromium) and Sapphire spectrum (iron).

Treatment Heat.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
½ to < 1 ct.	25-75	75-150	150-250	250-350
1 to < 3 cts.	35-120	120-200	200-425	425-600
3 to < 5 cts.	50-200	200-375	375-550	550-900
5 to < 7 cts.	75-250	250-600	600-850	850-1,100
7 to < 10 cts.	100-300	300-675	675-1,000	1,000-1,375

Note: Purple sapphires exhibiting a color change will receive a 15-25% premium.

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Ruby (All Origins Except Burma)

Ruby (All origins except Burma)

Color Orangy red, red, slightly purplish red, strongly purplish red.

Clarity TYPE II — usually eye clean with some inclusions under magnification.

Cut Native cuts usually seen; well cut stones rarely available in finer qualities.

Carat Weight Over 8 carats in finer qualities is rare; therefore prices are negotiable.

Reference Data

R/1.762-1.770 SG 4.00 + .10, -.05
H = 9 Bfr .008-.010

Fluorescence: LW & SW inert to weak orangy red, or red to strong orangy red or red.

Spectrum: A strong doublet at 6942 and 6928 A.U., which may appear as a fluorescent line; fairly distinct lines at 6680 and 6595 A.U., broad absorption from 6200 to 5400 A.U.; a strong doublet at 4765 and 4750 A.U.; a weak line at 4685 A.U.; and general absorption of the violet.

Treatment Heat, flux healing, filling.

MM size	Approx. Weight	Commercial			Extra Fine 8-10
		1-4	4-6	6-8	
1.5 to 2.5	.03 to .10	8-27	27-90	90-180	180-275
2.5 to 3.5	.10 to .30	18-75	75-160	160-270	270-425
3.5 to 4.5	.30 to .45	20-150	150-200	200-500	500-825

Cabochon cut

	Commercial		Good		Fine		Extra Fine		
	1-4	4-6	6-8	8-10	1-4	4-6	6-8	8-10	
1 to < 5 cts.	20-65	65-450	450-1,200	Negotiable	5 to < 8 cts.	5-270	270-1,000	1,000-2,250	Negotiable

Note: The Guide Ruby prices are based on the assumption of heat treatment. Untreated Ruby may command a premium. Surface infilling and cavity filling may require a discount. For enhancement premiums and discounts, see the "Treatment" section of The Guide Reference Manual.

	Commercial		
	Lower 1-2	Middle 2-3	Upper 3-4
½ to < 1 ct.	10-30	30-55	55-120
1 to < 2 cts.	15-50	50-155	155-200
2 to < 3 cts.	20-70	70-165	165-300
3 to < 4 cts.	30-100	100-225	225-450
4 to < 5 cts.	35-150	150-365	365-500
5 to < 8 cts.	50-225	225-400	400-585

	Good				Fine	
	4-5	5-6	6-7	7-8	7-8	7-8
½ to < 1 ct.	120-200	200-300	300-400	400-800		
1 to < 2 cts.	210-525	525-750	750-900	900-1,125		
2 to < 3 cts.	300-725	725-1,050	1,050-1,500	1,500-2,250		
3 to < 4 cts.	450-1,000	1,000-1,650	1,650-2,400	2,400-3,000		
4 to < 5 cts.	500-1,300	1,300-2,000	2,000-3,000	3,000-3,600		
5 to < 8 cts.	585-1,800	1,800-3,000	3,000-4,500	4,500-5,700		

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Ruby (All origins except Burma)

Notes: The Guide Ruby prices are based on the assumption of heat treatment. Untreated Ruby may command a premium. Surface infilling and cavity filling may require a discount. For enhancement premiums and discounts, see the "Treatment" section of The Guide Reference Manual.

	Extra Fine	
	8-9	9-10
½ to < 1 ct.	800-1,450	1,450-1,900
1 to < 2 cts.	1,125-2,200	2,200-4,000
2 to < 3 cts.	2,250-4,000	4,000-5,500
3 to < 4 cts.	3,000-5,400	5,400-6,800
4 to < 5 cts.	3,600-6,800	6,800-8,500
5 to < 8 cts.	5,700-8,500	8,500-10,000

Ruby (Burma)

Notes: The Guide ruby prices are based on the assumption of heat treatment. Untreated ruby may command a premium. Surface infilling and cavity filling may require a discount. For enhancement premiums and discounts, see the "Treatment" section of The Guide Reference Manual.

	Commercial			
	Lower 1-2	Middle 2-3	Upper 3-4	
½ to < 1 ct.	20-40	40-80	80-190	
1 to < 2 cts.	30-65	65-225	225-350	
2 to < 3 cts.	40-140	140-330	330-500	
3 to < 4 cts.	65-165	165-475	475-750	
4 to < 5 cts.	85-230	230-575	575-950	
5 to < 8 cts.	140-300	300-750	750-1,250	

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
Cushion or Emerald	As shown	As shown	As shown	As shown
Round or Oval	As shown	0% to 7%	7% to 12%	12% to 20%
Diamond Cut Melee	As shown	0% to 7%	7% to 15%	15% to 20%
Pear, Marquise	-5% to -10%	-5% to -10%	-10% to -15%	-10% to -15%

	Good				Fine	
	4-5	5-6	6-7	7-8		
½ to < 1 ct.	190-550	550-800	800-1,050	1,050-1,450		
1 to < 2 cts.	350-675	675-1,100	1,100-1,500	1,500-2,000		
2 to < 3 cts.	500-1,000	1,000-1,650	1,650-2,500	2,500-3,600		
3 to < 4 cts.	750-1,700	1,700-3,200	3,200-4,300	4,300-5,800		
4 to < 5 cts.	950-2,100	2,100-3,650	3,650-5,500	5,000-7,000		
5 to < 8 cts.	1,250-3,000	3,000-5,000	5,000-8,000	8,000-12,000		

Premiums for unheated Burma Ruby are 20% to 25% for 0.50 to 1.00 carat sizes, 30% to 35% for 1 to less than 3 carats, and 35% to 50% or more for 3 carats and larger.

Important notes for using the Burma ruby charts: These pricing grids include ruby from several locations within Burma. Although some dealers currently assign a higher premium to classical sources such as Mogok over those of the more recent Burmese locations (Mong Hsu), this is not an absolute. Also, calibrated and non calibrated cuts are included.



Ruby (Burma)

Notes: The Guide Ruby prices are based on the assumption of heat treatment. Untreated Ruby may command a premium. Surface infilling and cavity filling may require a discount. For enhancement premiums and discounts, see the "Treatment" section of *The Guide Reference Manual*.

	Extra Fine	
	8-9	9-10
½ to < 1 ct.	1,450-2,000	2,000-3,000
1 to < 2 cts.	2,000-3,300	3,300-6,300
2 to < 3 cts.	3,600-5,800	5,800-8,500
3 to < 4 cts.	5,000-8,500	8,500-12,000
4 to < 5 cts.	7,000-11,700	11,700-18,000
5 to < 8 cts.	12,000-15,300	15,300-25,000

Premiums for unheated Burma Ruby are 20% to 25% for 0.50 to 1.00 carat sizes, 30% to 35% for 1 to less than 3 carats, and 35% to 50% or more for 3 carats and larger.

Important notes for using the Burma Ruby charts: These pricing grids include Ruby from several locations within Burma. Although some dealers currently assign a higher premium to classical sources such as Mogok over those of the more recent Burmese locations (Mong Hse), this is not an absolute. Also, calibrated and non calibrated cuts are included.

Star Ruby

Color Orangy red, red, slightly purplish red, strongly purplish red.

Clarity No clarity type classification. Usually eye visible inclusions.

Cut Native cuts usually seen.

Carat Weight Over 20 carats in finer qualities is rare, therefore prices are negotiable.

Reference Data

R1 1.762-1.770 SG 4.00 + .10, -.05
H = 9 Bir 008-010

Fluorescence: LW & SW inert to weak to moderate red.

Spectrum: A strong doublet at 6942 and 6928 A.U. which may appear as a fluorescent line, fairly distinct lines at 6680 and 6595 A.U., broad absorption from 6200 to 5400 A.U., a strong doublet at 4765 and 4750 A.U., a weak line at 4685 A.U., and general absorption of the violet.

Treatment

Heat, oiling.

	Commercial	Good	Fine	Extra Fine
	1-4	4-6	6-8	8-10
½ to < 1 ct.	40 and up	200-575	575-1,150	1,150-2,000
1 to < 3 cts.	40 and up	300-900	900-1,300	1,300-2,300
3 to < 5 cts.	50 and up	800-1,650	1,650-2,750	2,750-4,000
5 to < 10 cts.	50 and up	1,000-2,750	2,750-4,500	4,500-6,750
10 to < 20 cts.	100 and up	1,500-3,300	3,300-6,750	6,750-8,000

This grid reflects the current price of star ruby from various sources around the world. It is important to note however, that the price structure of a common variety of star ruby, sometimes sold in the trade as Indian star ruby or Indian mud ruby, is not reflected in these charts. This variety of material is characterized by a strongly maroon to brownish red color, semi translucent to opaque transparency and with a strong star. This variety of material is priced considerably below the commercial range of *The Guide's* star ruby price grid.

CORUNDUM**DIOPSIDE****White Sapphire****Color**

Colorless, some trace color of blue or yellow may be present. Trace color would be considered lower quality unless more color becomes apparent. Then use the blue or yellow sapphire pricing charts.

Clarity

TYPE II — usually eye clean with some inclusions under magnification.

Cut

Native cuts usually seen; well cut stones sometimes available.

Carat Weight

Small calibrated sizes readily available. Over 5 carats not readily available.

Reference Data

Rl 1.762-1.770 SG 4.00 ±.10, -.05
H = 9 Bir .008-.010
Fluorescence: LW & SW orange to red.

Treatment

Can be bulk-diffusion treated to produce other colors.

Chrome Diopside**Color**

Slightly bluish green, green.

Clarity

No clarity type classification. Usually eye clean.

Cut

Well cut stones usually available.

Carat Weight

More than 5 carats is rare.

Reference Data

Rl 1.675-1.701 SG 3.29 ±.11, -.07
H = 5½-6 Bir .024-.030
Fluorescence: LW Inert-weak green, SW Inert.
Spectrum: 635, 655, 670 nm.

Treatment

Not usually treated.

Calibrated Melee

	Commercial	Good	Fine	Extra Fine
Round up to 4 mm up to .50 ct.	1-4	4-6	6-8	8-10
Baguette, trillion princess up to .50 ct.	3-7	7-20	20-40	40-75
	4-12	12-35	35-45	45-60

Round, Oval, Square, Rectangle

	Commercial	Good	Fine	Extra Fine
	1-4	4-6	6-8	8-10
½ to < 1 ct.	5-10	10-25	25-40	40-60
1 to < 2 cts.	10-20	20-40	40-70	70-110
2 to < 3 cts.	10-25	25-70	70-100	100-140
3 to < 5 cts.	15-35	35-95	95-140	140-190
5 to < 10 cts.	20-70	70-135	135-185	185-250

	Commercial	Good	Fine	Extra Fine
< 1 ct.	1-4	4-6	6-8	8-10
1 to < 5 cts.	10-15	15-20	20-30	30-40
	15-25	25-35	35-50	50-80

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
Round	As shown	As shown	As shown	As shown

FELDSPAR (LABRADORITE)**Oregon Sunstone**

Color Pale yellow, pale yellowish orange, pale pinkish, pink, red-orange, red, pale, green, blue-green and colorless. Bi and tri color specimens occur but are rare. Color change possible but rare.

Clarity No clarity type classification. Material is typically graded by the strength of color and aventurescence. Unlike Sunstone from other locations, the aventurescence of Oregon Sunstone results from copper platelet inclusions.

Cut Faceted and cabochon. Stones more than 5 cts may be priced higher. Designer cuts and collector pieces will be priced higher.

Carat Weight

Melée to 10 carat available, over three carats rarer.

Reference Data R/ 1.563-1.572 SG 2.71
H = 6-6½ Bfr 0.009
Fluorescence: Inert.

Treatment Not usually treated.

	Red Sunstone			
	Commercial	Good	Fine	Extra Fine
< 1 ct.	1-4	4-6	6-8	8-10
1 to < 2 cts.	50-75	75-125	125-175	175-225
1 to < 2 cts.	100-150	150-200	200-250	250-350
2 to < 5 cts.	150-300	300-400	400-500	500-650

Orange Sunstone

	Orange Sunstone			
	Commercial	Good	Fine	Extra Fine
< 1 ct.	1-4	4-6	6-8	8-10
1 to < 2 cts.	50-100	100-175	175-250	250-325
1 to < 2 cts.	50-100	100-200	200-300	300-400
2 to < 5 cts.	75-150	150-250	250-350	350-450

Green Sunstone

	Green Sunstone			
	Commercial	Good	Fine	Extra Fine
< 1 ct.	1-4	4-6	6-8	8-10
1 to < 2 cts.	50-75	75-125	125-175	175-225
1 to < 2 cts.	100-150	150-200	200-250	250-350
2 to < 5 cts.	200-300	300-400	400-525	525-700

Yellow Sunstone is priced lower.

**Moonstone**

Color Colorless, white, blue in light tones displaying adularescence and sometimes chatoyancy. Colors of grey, green and brown (tan) are priced by commercial category. Semi-translucent to translucent.

Clarity No clarity type classification. Often very high clarity.

Cut Cabochon; well cut stones with flat bottoms usually available.

Carat Weight

Large stones readily available. Prices may decrease above 20 carats.

Reference Data R/ 1.518-1.526 SG 2.58 ± 0.3
H = 6-6½ Bfr .005-.008
Fluorescence: LW and SW Inert to weak.
Spectrum: None.

Treatment Not usually treated.

	Moonstone			
	Commercial	Good	Fine	Extra Fine
1 to < 3 ct.	1-4	4-6	6-8	8-10
1 to < 3 ct.	1-7	7-10	10-25	25-35
3 to < 5 cts.	1-10	10-20	20-50	50-65
5 to < 20 cts.	5-15	15-30	30-50	50-100
20 to < 50 cts.	1-10	10-15	15-25	25-50

Strong blue and multi-color adularescence command a 20-25% premium.

FELDSPAR (ORTHOCLASE)



Almandite

Color Strongly purplish red, red, orangy red; also brown modifier to these hues.

Clarity TYPE II — usually eye clean with some inclusions under magnification.

Cut Well cut stones usually available.

Carat Weight Large stones over 30 carats usually not cut. Up to 50 carats may be available.

Reference Data
 RI 1.790 SG 4.05 + .25, -.12
 H = 7-7½
 Fluorescence: LW & SW inert.
 Spectrum: Three lines at 5050, 5250, and 5750.

Treatment Not usually treated.

	Commercial	Good	Fine	Extra Fine
	1-4	4-6	6-8	8-10
½ to < 1 ct.	1-3	3-6	6-8	8-12
1 to < 5 cts.	1-5	5-8	8-12	12-20
5 to < 10 cts.	2-8	8-12	12-20	20-30
10 to < 30 cts.	4-10	10-15	15-25	25-50

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Color Change Garnet

Color Incandescent: Strongly purplish red, purplish red, red. Fluorescent: bluish green, strongly bluish green, green.

Clarity No clarity type classification. Moderate inclusions may be present.

Cut Native cuts usually seen, well cut stones available.

Carat Weight Stones over 3 carats are rare.

Reference Data
 RI 1.790 SG 4.05 + .25, -.12
 H = 7-7½
 Fluorescence: LW & SW inert.
 Spectrum: Three lines at 5050, 5250, and 5750.

Treatment Not usually treated.

	Commercial	Good	Fine	Extra Fine
	1-4	4-6	6-8	8-10
½ to < 1 ct.	25-150	150-250	250-350	350-525
1 to < 2 cts.	50-175	175-350	350-600	600-900
2 to < 3 cts.	90-225	225-400	400-750	750-1,300

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Demantoid

Demantoid is the trade name for a variety of Andradite Garnet.

Color Green, slightly yellowish green, yellowish green, strongly yellowish green, yellow-green.

Clarity TYPE II — stones over 1/2 carat may not be eye clean. Characteristic "horse tail" inclusion desirable.

Cut Native cuts usually seen; well cut stones rarely available.

Carat Weight Over 3 carats is rare, therefore prices are negotiable. Some locations do produce stones over 3 carats but quality is usually commercial and is priced as such.

Reference Data R/1.888 SG 3.84 ±.03
H = 6 1/2-7

Fluorescence: LW & SW Inert.
Spectrum: Line at 4400, possible chrome lines.

Treatment Not usually treated.

	Commercial	Good	Fine	Extra Fine
< 1/2 ct.	50-90	90-200	200-400	400-800
1/2 to < 1 ct.	150-275	275-550	550-850	850-1,500
1 to < 2 cts.	180-450	450-900	900-2,000	2,000-3,000
2 to < 3 cts.	375-775	775-1,500	1,500-2,500	2,500-5,000

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
Round, Oval or Cushion	As shown	As shown	As shown	As shown
Other shapes	Negotiable	Negotiable	Negotiable	Negotiable

Grape Garnet™

Grape Garnet is a combination of Pyrope-Almandine Garnet.

Color Intense Purple-Red

Clarity TYPE II — Grape Garnet™ is typically eye clean. Lighter tones or large stones may not be eye clean.

Cut Well cut stones usually available.

Carat Weight Stones up to several carats are available.

Reference Data R/1.79 and over SG 4.05
H = 7-7 1/2

Fluorescence: LW & SW Inert.

Locality Mined in the Orissa District of Northwest India. Grape Garnet is the registered trade mark of Columbia Gem House, Inc.

Treatment Not usually treated.

	Good	Fine
.10 to < .50 ct.	15-20	20-30
.50 to < 1 ct.	25-40	40-50
1 to < 2 cts.	50-75	75-120
2 to < 3 cts.	65-80	80-125
> 3 cts.	120-150	150 and up

Shape/Quality/Price Correlation Chart

	Good	Fine
Oval, Pear	15-20	20-30
Princess, Trillion or Barion	25-40	40-50



Grossularite

Varieties are classified by color such as Green Grossularite, Golden Grossularite, etc. When the color is orange, brownish orange, or brownish yellow it is known in the trade as Hessonite. Green Grossularite, which is not extremely light in tone, may be more properly classified as Tsavorite (see separate pricing chart for Tsavorite, page 66).

Color
Orange, yellowish orange, orangy yellow, yellow, greenish yellow, yellow-green, strongly yellowish green, yellowish green, slightly yellowish green, green; also brown modifiers to these hues; also colorless.

Clarity
TYPE II — lighter tones or large stones may not be eye clean.

Cut
Well cut stones usually available.

Carat Weight
Over 10 carats is rare, therefore prices are negotiable.

Reference Data
RI 1.740 SG 3.61 + .12, -.04
H = 7-7½
Fluorescence: LW & SW inert to moderate.
Spectrum: Varies.

Treatment
Not usually treated.

	Commercial	Good	Fine	Extra Fine
1/2 to < 1 ct.	1-4	4-6	6-8	8-10
1 to < 3 cts.	3-15	15-25	25-30	30-35
3 to < 5 cts.	5-20	20-35	35-45	45-60
5 to < 10 cts.	10-35	35-50	50-75	75-100
	15-50	50-90	90-150	150-225

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown

Malaya

Malaya is a combination of Pyrope-Spessartite.

Color
Orange, reddish orange, red-orange; also brown or pink (light red) modifiers to the orange hue.

Clarity
TYPE II — lighter tones or large stones may not be eye clean.

Cut
Well cut stones usually available.

Carat Weight
Over 10 carats is rare, therefore prices are negotiable.

Reference Data
RI 1.74 SG 3.75-3.99
H = 7-7½
Fluorescence: LW & SW inert.
Spectrum: Similar to Spessartite.

Treatment
Not usually treated.

	Commercial	Good	Fine	Extra Fine
1/2 to < 1 ct.	1-4	4-6	6-8	8-10
1 to < 3 cts.	3-10	10-25	25-45	45-75
3 to < 5 cts.	10-30	30-70	70-100	100-140
5 to < 10 cts.	20 and up	60-125	125-200	200-275
	30 and up	75-125	125-250	250-375

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown

GARNET**GARNET****Pyrope**

Color Strongly purplish red, red, orangy red; usually very dark in tone.

Clarity TYPE II — usually eye clean with some inclusions under magnification.

Cut Well cut stones usually available.

Carat Weight Large stones over 20 carats are usually not cut due to the very dark tone. Up to 40 carats may be available.

Reference Data R/ 1.746 SG 3.78 +.09, -.16
H = 7-7½

Fluorescence: LW & SW Inert.
Spectrum: A broad band at 5600 plus one band at 5050, chrome lines possible.

Treatment Not usually treated.

	Commercial	Good	Fine	Extra Fine
½ to < 1 ct.	1-4	4-6	6-8	8-10
1 to < 5 cts.	1-3	3-6	6-8	8-12
5 to < 10 cts.	1-5	5-8	8-12	12-20
10 to < 20 cts.	2-8	8-12	12-20	20-30
	4-10	10-15	15-25	25-50

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown

Rhodolite

Rhodolite is a combination of Pyrope-Almandine Garnet.

Color Slightly purplish red, strongly purplish red, purple-red, reddish purple, purple.

Clarity TYPE II — lighter tones or large stones may not be eye clean.

Cut Well cut stones usually available.

Carat Weight Large stones up to 50 carats readily available. Prices may decrease above 20 carats.

Reference Data R/ 1.760 SG 3.84 ± .10
H = 7-7½

Fluorescence: LW & SW Inert.
Spectrum: Three lines at 5050, 5250, 5750.

Treatment Not usually treated.

	Commercial	Good	Fine	Extra Fine
½ to < 1 ct.	1-4	4-6	6-8	8-10
1 to < 3 cts.	2-4	4-13	13-20	20-30
3 to < 5 cts.	3-10	10-18	18-30	30-55
5 to < 10 cts.	4-18	18-35	35-50	50-60
10 to < 20 cts.	10-25	25-40	40-70	70-125
20 to < 50 cts.	15-35	35-75	75-90	90-150
	10-30	30-60	60-90	90-150

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Spessartite

Note: Separate charts appear for Kashmirine, Mandarin and Nigerian varieties.

Color Orange, reddish orange, red-orange, orangy red; also brown modifier to these hues.

Clarity TYPE II — lighter tones or large stones may not be eye clean.

Cut Well cut stones usually available.

Carat Weight All carat weights up to 30 carats readily available.

Reference Data

Rl 1.810 SG 4.15 + .05, -.03
H = 7-7½

Fluorescence: LW & SW Inert.
Spectrum: Lines at 4120 and 4300, possibly 4610, 4880, and 5050.

Treatment Not usually treated.

	Commercial	Good	Fine	Extra Fine
½ to < 1 ct.	1-4	4-6	6-8	8-10
1 to < 3 cts.	1-2	2-4	4-8	8-10
3 to < 5 cts.	1-10	10-25	25-40	40-50
5 to < 10 cts.	5-10	10-25	25-45	45-55
10 to < 30 cts.	8-15	15-35	35-50	50-100
	15-25	25-45	45-70	70-100

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Spessartite — Kashmirine™

Certain gem varieties must be sub-categorized by country/region of origin to value these materials properly. This is due to individual quality traits that make one mine or region more desirable to members of the trade than others. Spessartite (also called Spessartine) Garnet is one such example. Therefore, Spessartite Garnet is divided into three grades. Kashmirine is a variety of Spessartite mined in the Pakistan side of Neelum (Sapphire Valley) Kashmir.

Color Orange, yellowish-orange, reddish-orange, orangish-brown and red. (Reds are rare).

Clarity TYPE II — usually eye clean with some inclusions under magnification.

Cut Well cut stones usually available. Mostly round, oval and cushion cuts seen.

Carat Weight Large stones up to 30 carats somewhat available. Intense orange over 5 carats is rare.

Reference Data

Rl 1.81 SG 4.15 + .05, -.03
H = 7-7½

Fluorescence: LW & SW Inert.
Spectrum: Lines at 4120 and 4300, possible 4610, 4880, 5050.

Treatment Not usually treated.

	Commercial	Good	Fine	Extra Fine
½ to < 1 ct.	1-4	4-6	6-8	8-10
1 to < 3 cts.	N/A	18-35	35-55	55-80
3 to < 6 cts.	N/A	30-50	50-75	75-100
6 to < 8 cts.	N/A	65-90	90-150	150-250
8 to < 15 cts.	N/A	80-125	125-225	225-300
15 to < 25 cts.	N/A	110-250	250-400	400-600
	N/A	200-400	400-500	500-700

The intense orange variety of Kashmirine is typically produced in a 1 to 4 carat range and is similarly priced to the Mandarin grid in this section. Orangish-brown Kashmirine is typically produced in sizes from 1 to 5 carats and is approximately 50% of the price for reddish-orange material listed above.

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Spessartite — Mandarin

Certain gem varieties must be sub-categorized by country/region of origin to value these materials properly. This is due to individual quality traits that make one mine or region more desirable to members of the trade than others. Spessartite (also called Spessartine) Garnet is one such example. Therefore, Spessartite Garnet is divided into three grids. Mandarin is a variety of Spessartine mined in Namibia.

Color	Orange.
Clarity	TYPE II — usually eye clean with some inclusions under magnification.
Cut	Well cut stones usually available.
Carat Weight	Over 5 carats is rare, over 10 carats prices are negotiable. Larger gems faceted in Idar Oberstein trade at a premium.
Reference Data	RI 1.81 H = 7-7½ SG 4.15 +.05, -.03 Fluorescence: LW & SW inert. Spectrum: Lines at 4120 and 4300, possible 4610, 4880, 5050.
Treatment	Not usually treated.

	Commercial	Good	Fine	Extra Fine
	1-4	4-6	6-8	8-10
< ½ ct.	20-50	50-85	85-125	125-150
½ to < 1 ct.	30-70	70-100	100-175	175-225
1 to < 2 cts.	50-100	100-200	200-300	300-400
2 to < 3 cts.	75-150	150-250	250-325	325-450
3 to < 5 cts.	100-175	175-325	325-450	450-600
5 to < 10 cts.	125-200	200-375	375-550	550-850

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Spessartite — Nigerian

Certain gem varieties must be sub-categorized by country/region of origin to value these materials properly. This is due to individual quality traits that make one mine or region more desirable to members of the trade than others. Spessartite (also called Spessartine) Garnet is one such example. Therefore, Spessartite Garnet is divided into three grids. Nigerian is a variety of Spessartine mined in Nigeria.

Color	Orange, yellowish orange, reddish orange often has a brown modifier.
Clarity	TYPE II.
Cut	Well cut stones usually available.
Carat Weight	1 to 10 carats readily available, 10 to 30 carats somewhat available.
Reference Data	RI 1.810 H = 7-7½ SG 4.15 +.05, -.03 Fluorescence: LW & SW inert. Spectrum: Lines at 4120 and 4300, possible 4610, 4880, 5050.
Treatment	Not usually treated.

	Commercial	Good	Fine	Extra Fine
	1-4	4-6	6-8	8-10
½ to < 1 ct.	20-40	40-75	75-100	100-150
1 to < 3 cts.	30-60	60-125	125-250	250-350
3 to < 5 cts.	50-100	100-225	225-350	350-450
5 to < 10 cts.	75-150	150-300	300-425	425-550
10 to < 30 cts.	100-150	150-300	300-550	550-700

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Tsavorite

Tsavorite is the trade name for Green Grossularite. Extremely light tones are more properly classified as Green Grossularite (see Grossularite, page 58).

Color
Very strongly bluish green, bluish green, very slightly bluish green, green, slightly yellowish green, yellowish green, strongly yellowish green.

Clarity
TYPE II — Although the trade desires eye clean, much of rough is included so larger stones may have eye visible inclusions.

Cut
Well cut stones usually available.

Carat Weight
Over 5 carats is rare; over 10 carats prices are negotiable.

Reference Data
R/1.740 SG 3.61 + .12, -.04
H = 7-7½
Fluorescence: LW & SW Inert to moderate.
Spectrum: Varies.

Treatment
Not usually treated.

MM size	Commercial	Good	Fine	Extra Fine
	1-4	4-6	6-8	8-10
2 to 3	15-30	30-100	100-155	155-200
3 to 4	25-90	90-155	155-230	230-300
4 to 5	90-155	155-220	220-355	355-400
5mm	155-250	250-375	375-500	500-675

	Commercial	Good	Fine	Extra Fine
	1-4	4-6	6-8	8-10
½ to < 1 ct.	75-200	200-400	400-600	600-750
1 to < 2 cts.	100-300	300-600	600-825	825-1,200
2 to < 3 cts.	150-500	500-900	900-1,400	1,400-1,900
3 to < 5 cts.	290-825	825-1,400	1,400-2,000	2,000-3,000
5 to < 10 cts.	400-1,100	1,100-2,200	2,200-2,900	2,900-3,700

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
Oval, Emerald Square, Cushion	As shown	As shown	As shown	As shown
All other shapes	As shown	As shown	0% to 5%	5% to 10%
Round, Princess, Trillion	10%	10% to 15%	15% to +20%	20% to 30%
Cabochon	20% to 35% of comparable faceted price			



Hematite

Color
Grey to black with metallic luster.

Clarity
No clarity type classification — opaque.

Cut
Cabochon with flat bottoms; intaglios.

Carat Weight
Standard calibrated sizes readily available.

Reference Data
R/2.940-3.220 SG 5.20 + .08, -.25
H = 5½-6½ Bir .280

Treatment
Not usually treated.

Oval Cabochon	Good to Fine
6 x 4 mm	1.00
8 x 6 mm	1.50
10 x 8 mm	2.50
12 x 10 mm	3.00
14 x 12 mm	4.00
16 x 12 mm	5.00
18 x 13 mm	7.00
20 x 15 mm	9.00

Prices are per stone

Prices are per stone

Intaglios:	Good to Fine
Oval Cabochon	7.00
12 x 10 mm	9.00
14 x 10 mm	10.00
14 x 12 mm	11.00
16 x 12 mm	13.00
18 x 13 mm	15.00



Iolite

Color Violet, bluish violet, violetish blue, blue.

Clarity TYPE II — usually eye clean with some inclusions under magnification.

Cut Well cut stones usually available.

Carat Weight Over 10 carats is rare, therefore prices are negotiable.

Reference Data

R1 1.542-1.551 SG 2.61 ± 0.5
 H = 7-7½ Bir. 008-012
 Fluorescence: LW and SW inert.
 Spectrum: Strong bands at 4560 and 4920, with lines at 5350, 5850, 5930.

Treatment Not usually treated.

	Commercial	Good	Fine	Extra Fine
½ to < 1 ct.	1-4	4-6	6-8	8-10
1 to < 5 cts.	2-8	8-10	10-20	20-40
5 to < 10 cts.	5-15	15-30	30-45	45-75
	8-25	25-45	45-65	65-90

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Lapis Lazuli

Color Blue, violetish blue, bluish violet; with or without gold pyrite or white calcite inclusions. May be dyed.

Clarity No clarity type classification — opaque.

Cut Any shape possible. Often carved into various figures. Prices only given for oval cabochons.

Carat Weight

Any.

Reference Data

R1 1.500 or 1.670 SG 2.75 + .25
 H = 5-6
 Fluorescence: Generally inert; SW May fluoresce weak to moderate green or yellowish green; LW The calcite inclusions may fluoresce pink.
 Spectrum: None.

Treatment Dye, waxed.

Prices are per stone

Round	Dyed		Natural	
	Commercial	Good	Good	Extra Fine
4 mm	.20	.50	1.00	2.00
6 mm	.25	1.00	3.00	5.00
8 mm	.35	1.50	5.00	8.00
10 mm	.50	2.50	7.00	12.00
12 mm	.75	3.00	10.00	15.00
15 mm	1.00	4.00	15.00	25.00
18 mm	1.25	5.00	20.00	45.00
20 mm	1.50	6.00	30.00	65.00
				80.00

Oval	Dyed		Natural	
	Commercial	Good	Good	Extra Fine
6 x 4 mm	.25	1.00	2.00	3.00
8 x 6 mm	.35	1.50	3.00	5.00
10 x 8 mm	.50	2.00	8.00	12.00
12 x 10 mm	.65	3.00	10.00	15.00
14 x 10 mm	.75	3.50	15.00	30.00
16 x 12 mm	1.00	4.00	20.00	40.00
18 x 13 mm	1.25	5.00	40.00	70.00
20 x 15 mm	1.50	6.00	50.00	90.00
				150.00

MALACHITE**Malachite**

Color Bluish green, green, yellowish green in a curved or angular banded pattern.

Clarity No clarity type classification — opaque.

Cut Any shape possible. Often carved into various figures. Prices only given for oval cabochon.

Carat Weight Any.

Reference Data RI 1.655 -1.909 SG 3.95 +.15, -.70
H = 3½-4 Bfr. 254

Fluorescence: LW & SW inert.

Treatment Coating.

Prices are per stone

Oval Cabochon	Commercial	Good	Fine
8 x 6 mm	1.00	2.50	5.00
10 x 8 mm	1.50	3.00	6.00
12 x 10 mm	2.00	4.00	8.00
14 x 10 mm	2.50	5.00	10.00
16 x 12 mm	3.00	7.00	15.00
18 x 13 mm	4.00	8.00	25.00

**Peridot**

Color Greenish yellow, yellow-green, strongly yellowish green, yellowish green, slightly yellowish green, green. Finest color is green with absence of yellow modifier.

Clarity TYPE II — small stones may be eye clean, larger stones often have eye visible inclusions.

Cut Well cut stones usually available, some larger stones native cut for weight retention.

Carat Weight Large stones somewhat available. Prices may decrease above 50 carats.

Reference Data RI 1.654-1.690 SG 3.34 +.14, -.07
H = 6½-7 Bfr. 035-.038

Fluorescence: LW & SW inert.

Spectrum: Three strong, narrow bands at 4570, 4770 and 4970 AU.

Treatment Not usually treated.

	Commercial	Good	Fine	Extra Fine
½ to < 1 ct.	1-4	4-6	6-8	8-10
1 to < 5 cts.	2-7	7-12	12-16	16-40
5 to < 10 cts.	3-16	16-30	30-60	60-85
10 to < 20 cts.	8-24	24-65	65-100	100-150
20 to < 50 cts.	16-40	40-80	80-150	150-200
50 to < 100 cts.	30-45	45-100	100-165	165-225
	30-40	40-100	100-140	140-170

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
Cushion	As shown	0% to 5%	5% to 8%	8% to 12%
Round, Oval, Cushion	As shown	As shown	As shown	As shown
Pear, Emerald	As shown	0 to 5%	5% to 10%	10% to 15%
Other shapes	As shown			



Amethyst

Color Blush purple, purple, reddish purple. Finest color is reddish purple in incandescent light and bluish purple in daylight.

Clarity TYPE II — usually eye clean except for large stones which may have eye visible inclusions.

Cut Well cut stones usually available.

Carat Weight Large stones readily available. Prices may decrease above 25 carats.

Reference Data RI 1.544-1.553 SG 2.66 +.03, -.02
H = 7 Bir. 009
Fluorescence: LW & SW Inert to Weak.
Spectrum: None.

Treatment Heat.

	Commercial	Good	Fine	Extra Fine
1/2 to < 1 ct.	1-2	2-4	4-8	8-14
1 to < 3 cts.	1-3	3-7	7-15	15-18
3 to < 5 cts.	1-4	4-9	9-25	25-33
5 to < 10 cts.	1-5	5-12	12-30	30-38
10 to < 25 cts.	2-6	6-18	18-35	35-45
25 to < 50 cts.	1-5	5-13	13-20	20-35
50 to < 100 cts.	1-4	4-10	10-18	18-30

Shape/Quality/Price Correlation Chart

All shapes	Commercial	Good	Fine	Extra Fine
	As shown	As shown	As shown	As shown

Ametrine

Ametrine is bi-color Amethyst and Citrine.

Color Purple, yellow.

Clarity Type I — Usually eye clean, very high clarity to minor inclusions under magnification.

Cut Cut should bring out the bi-color effect. Many shapes are possible. Designer cuts and carvings also seen, priced by the piece.

Carat Weight Large stones available. Prices may decrease above 20 carats.

Reference Data RI 1.544-1.553 SG 2.66 ±.01
H = 7 Bir. 009
Fluorescence: LW and SW Inert to weak.
Spectrum: None.

Treatment Not usually treated.

	Commercial	Good	Fine	Extra Fine
< 1 ct.	1-2	2-3	3-4	4-6
1 to < 5 cts.	1-3	3-6	6-10	10-15
5 to < 10 cts.	1-5	5-8	8-15	15-20
10 to < 20 cts.	1-6	6-10	10-18	18-22
20 to < 50 cts.	1-5	5-7	7-10	10-15
50 to < 100 cts.	1-4	4-6	6-8	8-10

Shape/Quality/Price Correlation Chart

All shapes	Commercial	Good	Fine	Extra Fine
	As shown	As shown	As shown	As shown



Cat's-Eye Quartz

Color Orangy yellow, yellow, greenish yellow.

Clarity No clarity type classification — opaque.

Cut Cabochon; well cut stones with flat bottoms usually available.

Carat Weight Standard calibrated sizes readily available.

Reference Data RI 1.544-1.553 SG 2.66 ± .01
H = 7 Bfr .009
Fluorescence: LW and SW inert.
Spectrum: None.

Treatment Bleaching.

Prices are no longer available.

Citrine

Color Orangy yellow, yellow.

Clarity TYPE I — usually eye clean, very high clarity to minor inclusions under magnification.

Cut Well cut stones usually available.

Carat Weight Large stones readily available. Prices may decrease above 25 carats.

Reference Data RI 1.544-1.553 SG 2.66 ± .01
H = 7 Bfr .009
Fluorescence: LW and SW inert.
Spectrum: None.

Treatment Heat.

	Commercial	Good	Fine	Extra Fine
1/2 to < 1 ct.	1-4	4-6	6-8	8-10
1 to < 3 cts.	1-2	2-5	5-10	10-15
3 to < 5 cts.	1-3	3-7	7-15	15-20
5 to < 10 cts.	1-4	4-8	8-18	18-22
10 to < 25 cts.	1-5	5-13	13-20	20-25
25 to < 50 cts.	2-6	6-15	15-22	22-30
50 to < 100 cts.	1-5	5-13	13-20	20-25
	1-4	4-9	9-15	15-20

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Madeira

Color Reddish orange, orange, yellowish orange.

Clarity TYPE I — usually eye clean, very high clarity to minor inclusions under magnification.

Cut Well cut stones usually available.

Carat Weight Large stones somewhat available. Prices may decrease above 25 carats.

Reference Data
 RI 1.544-1.553 SG 2.66 ± 0.1
 H = 7 Bfr. 009
 Fluorescence: LW and SW Inert.
 Spectrum: None.

Treatment Heat.

	Commercial	Good	Fine	Extra Fine
1/2 to < 1 ct.	1-3	3-6	6-8	8-10
1 to < 3 cts.	1-5	5-8	8-12	12-18
3 to < 5 cts.	2-7	7-10	10-20	20-30
5 to < 15 cts.	2-8	8-15	15-25	25-35
15 to < 25 cts.	4-10	10-20	20-30	30-45

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown

Smoky Quartz

Color Brown.

Clarity TYPE I — usually eye clean and very high clarity under magnification.

Cut Well cut stones usually available. Usually cut in calibrated ovals.

Carat Weight Standard calibrated sizes readily available. Larger uncalibrated stones readily available.

Reference Data
 RI 1.544-1.553 SG 2.66 ± 0.1
 H = 7 Bfr. 009
 Fluorescence: LW and SW Inert.
 Spectrum: None.

Treatment Heat.

Prices are per stone

Oval	Good to Fine
5 x 3 mm	1.50
6 x 4 mm	2.00
7 x 5 mm	2.25
8 x 6 mm	2.50
9 x 7 mm	2.75
10 x 8 mm	3.00
12 x 10 mm	3.50
14 x 10 mm	3.75
14 x 12 mm	4.00
16 x 12 mm	5.00
18 x 13 mm	6.00
20 x 15 mm	8.00
25 x 18 mm	10.00

Prices are per stone

Round	Good to Fine
2 to 20 mm	2.00 to 7.00



Tiger's-Eye

Tiger's-Eye Cameo

Color Brown, brownish yellow.

Color Brown, brownish yellow.

Clarity No clarity type classification — opaque.

Clarity No clarity type classification — opaque.

Cut Cabochon; well cut stones with flat bottoms readily available.

Cut Oval and rectangular cushion cuts.

Carat Weight Standard calibrated sizes readily available.

Carat Weight Standard calibrated sizes readily available.

Reference Data RI 1.544-1.553 SG 2.66 ±.01
H = 7 Bir. 009

Reference Data RI 1.544-1.553 SG 2.66 ±.01
H = 7 Bir. 009

Fluorescence: LW and SW inert.
Spectrum: None.

Fluorescence: LW and SW inert.
Spectrum: None.

Treatment Bleaching, heat.

Treatment Bleaching, heating.

Prices are per stone

Prices are per stone

Oval Cabochon	Good	Fine
5 x 3 mm	1.50	5.00
6 x 4 mm	2.00	7.00
7 x 5 mm	2.25	8.00
8 x 6 mm	2.50	9.00
9 x 7 mm	3.50	11.00
10 x 8 mm	4.50	13.00
12 x 10 mm	6.00	15.00
14 x 10 mm	8.00	18.00
14 x 12 mm	10.00	20.00
16 x 12 mm	12.00	25.00
18 x 13 mm	15.00	30.00
20 x 15 mm	18.00	35.00

	Fine
14 x 12 mm to 20 x 15 mm	35 to 60
16 x 14 mm antique only	30 to 35



Shell Cameo

Color Tan, brown, orange, white; may be dyed any color.

Clarity No clarity type classification.

Cut Oval cameo with concave bottom.

Carat Weight Standard calibrated sizes readily available.

Reference Data RI 1.530-1.685 SG 2.86 + .03, -.16
H = 3½ Bif. 155

Fluorescence: LW and SW Inert to Moderate.

Treatment Dyeing.

Prices are per piece

	Good	Fine
6 x 4 mm	2.00	4.00
7 x 5 mm	2.25	4.50
8 x 6 mm	2.50	5.00
10 x 8 mm	3.00	6.00
12 x 10 mm	4.00	7.00
14 x 10 mm	6.00	8.00
14 x 12 mm	7.00	9.00
16 x 12 mm	8.00	10.00
18 x 13 mm	9.00	12.00
20 x 15 mm	10.00	14.00
25 x 18 mm	13.00	20.00
30 x 15 mm	20.00	30.00
35 x 27 mm	25.00	35.00
40 x 30 mm	30.00	40.00



Blue Spinel

Color Violetish blue, blue, very slightly greenish blue. Finest color sometimes referred to as cobalt blue.

Clarity TYPE II — lighter tones or large stones may not be eye clean.

Cut Native cuts usually seen, well cut stones sometimes available.

Carat Weight Over 8 carats is rare, therefore prices are negotiable.

Reference Data RI 1.718 SG 3.60 + .10, -.03
H = 8

Fluorescence: LW & SW Inert.

Spectrum: A band of medium strength in the orange at 6320 A.U.; a somewhat stronger and narrower band at 5550; and a strong, broad band at 4590, with a narrow line at 4800. More or less complete absorption occurs below 4300.

Treatment Not usually treated.

	Commercial	Good	Fine	Extra Fine
½ to < 1 ct.	1-4	4-6	6-8	8-10
1 to < 3 cts.	10-50	50-100	100-250	250-400
3 to < 5 cts.	15-65	65-200	200-350	350-600
5 to < 8 cts.	20-85	85-250	250-450	450-900
	35-150	150-300	300-700	700-1,800

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Lavender Spinel

Color Bluish violet, violet, bluish purple, purple, reddish purple, purple-red.

Clarity TYPE II — lighter tones or large stones may not be eye clean. Native cuts usually seen, well cut stones sometimes available.

Cut Over 10 carats is rare, therefore prices are negotiable.

Carat Weight Over 10 carats is rare, therefore prices are negotiable.

Reference Data RI 1.718 SG 3.60 +.10, -.03
H = 8
Fluorescence: LW & SW Inert.
Spectrum: May show a weak iron spectrum depending on the strength of the blue component of the color.

Treatment Not usually treated.

	Commercial	Good	Fine	Extra Fine
	1-4	4-6	6-8	8-10
½ to < 1 ct.	10-15	15-20	20-60	60-125
1 to < 3 cts.	12-20	20-40	40-125	125-250
3 to < 5 cts.	15-40	40-60	60-200	200-400
5 to < 10 cts.	20-60	60-80	80-300	300-500

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Pink Spinel

Color Strongly purplish red, slightly purplish red, red. Tone and saturation levels distinguish Pink Spinel from Red Spinel.

Clarity TYPE II — lighter tones or large stones may not be eye clean. Native cuts usually seen, well cut stones sometimes available.

Cut Over 10 carats is rare, therefore prices are negotiable.

Carat Weight Over 10 carats is rare, therefore prices are negotiable.

Reference Data RI 1.718 SG 3.60 +.10, -.03
H = 8
Fluorescence: LW & SW Inert.
Spectrum: May show a series of five bright-red fluorescent lines in the red.

Treatment Not usually treated.

	Commercial	Good	Fine	Extra Fine
	1-4	4-6	6-8	8-10
½ to < 1 ct.	10-35	35-75	75-150	150-350
1 to < 2 cts.	35-75	75-150	150-325	325-550
2 to < 3 cts.	40-90	90-225	225-450	450-600
3 to < 5 cts.	50-100	100-250	250-500	500-700
5 to < 7 cts.	75-125	125-250	250-550	550-800
7 to < 10 cts.	75-150	150-325	325-600	600-900

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
Pear, Cushion, Oval	As shown	As shown	As shown	As shown
Rounds, Princess, Trilliant	As shown	+5% to 7%	+7% to 10%	+10%

SPINEL**Red Spinel**

Color Strongly purplish red, slightly purplish red, red, orangy red.

Clarity TYPE II — lighter tones or large stones may not be eye clean.

Cut Native cuts usually seen, well cut stones sometimes available.

Carat Weight Over 7 carats is rare, therefore prices are negotiable.

Reference Data R/ 1.718 SG 3.60 + .10, -.03
H = 8

Fluorescence: LW weak to strong red or orange; SW none to weak red to orange-red.

Spectrum: Sharp lines in the red at 6855 and 6840 A.U., a weak band at 6560, and a strong absorption in the yellow-green from about 5950 to 4900 A.U. In bright red stones, the spectrum may show a series of five bright-red fluorescent lines in the red.

Treatment Not usually treated.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
½ to < 1 ct.	15-50	50-225	225-300	300-450
1 to < 2 cts.	25-100	100-400	400-650	600-900
2 to < 3 cts.	40-125	125-450	450-900	900-1,350
3 to < 5 cts.	40-200	200-500	500-1,200	1,200-2,400
5 to < 7 cts.	100-400	400-1,000	1,000-2,000	2,000-3,500

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
Pear, Cushion, Oval	As shown	As shown	As shown	As shown
Rounds, Princess, Trilliant	As shown	5% to 7%	7% to 10%	10%

Note: The intensely colored orangy-red variety of spinel known by the trade name "flame" may exceed the Guide prices.

**Kunzite**

Color Bluish purple, purple, reddish purple, purple red, strongly purplish red. In lighter tones and saturation levels, the color seen is pink.

Clarity TYPE I — usually eye clean, very high to minor inclusions under magnification. Some very large stones may have more or larger inclusions.

Cut Well cut stones usually available, some native cuts seen. Oval, emerald, or cushion shapes most common, other shapes sometimes available.

Carat Weight Large stones up to 50 carats readily available. Over 50 carats prices are negotiable.

Reference Data R/ 1.660-1.676 SG 3.18 ± .03
H = 6½-7 Bfr. 014-016

Fluorescence: LW inert to strong; SW weaker.
Spectrum: Varies with color.

Treatment Heat, irradiation.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
1 to < 3 cts.	2-6	6-15	15-35	35-70
3 to < 5 cts.	5-15	15-25	25-60	60-90
5 to < 20 cts.	10-25	25-50	50-85	85-100
20 to < 50 cts.	15-30	30-60	60-85	85-120

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown

SPODUMENE



Blue Topaz

Color Blue. Marketed under numerous trade names including royal blue, American blue, Swiss blue, sky blue, London blue. The names represent certain colors but are often misused.

Clarity TYPE I — usually eye clean and very high clarity under magnification.

Cut Well cut stones usually available.

Carat Weight Large stones readily available. Prices may decrease above 20 carats.

Reference Data
 RI 1.619-1.627 SG 3.53 ± .04
 H = 8 Bir. 008-.010
 Fluorescence: LW inert to weak; SW inert to moderate.
 Spectrum: Varies.

Treatment Irradiation.

	Commercial	Good	Fine	Extra Fine
1/2 to < 1 ct.	1-4	4-6	6-8	8-10
1 to < 5 cts.	1-3	3-5	5-8	8-12
5 to < 20 cts.	1-5	5-8	8-12	10-15
20 to < 50 cts.	1	1-5	8-12	12-18
50 to < 100 cts.	1	1-5	5-8	8-12

Shape/Quality/Price Correlation Chart

All shapes	Commercial	Good	Fine	Extra Fine
	As shown	As shown	As shown	As shown

Golden/Yellow Topaz

Sometimes referred to as Precious Topaz.

Color Yellowish orange, orangy yellow, yellow. The distinction between this variety and Imperial is the lack of red/pink overtones.

Clarity TYPE I — usually eye clean, very high to minor inclusions under magnification.

Cut Well cut stones usually available, some native cuts seen.

Carat Weight Large stones readily available. Prices may decrease above 20 carats in the lower grades only.

Reference Data
 RI 1.619-1.627 SG 3.53 ± .04
 H = 8 Bir. 008-.010
 Fluorescence: LW inert to weak; SW inert to moderate.
 Spectrum: Varies.

Treatment Irradiated.

	Commercial	Good	Fine	Extra Fine
1/2 to < 1 ct.	1-4	4-6	6-8	8-10
1 to < 3 cts.	5-15	15-35	35-55	55-75
3 to < 5 cts.	10-35	35-60	60-150	150-250
5 to < 10 cts.	15-55	55-100	100-200	200-600
10 to < 20 cts.	20-60	60-125	125-250	250-800
20 to < 50 cts.	20-75	75-150	150-250	250-800
	30-60	60-125	125-250	250-800

Shape/Quality/Price Correlation Chart

All shapes	Commercial	Good	Fine	Extra Fine
	As shown	As shown	As shown	As shown



Imperial Topaz

Color

Yellowish orange, orangy yellow, yellow with overtones of slightly purplish red, red, orangy red, red-orange or reddish orange or pink (lighter tones of red). Must have secondary color component to be called Imperial Topaz.

Clarity

TYPE I — usually eye clean, very high to minor inclusions under magnification.

Cut

Well cut stones usually available, some native cuts seen.

Carat Weight

Large stones over 5 carats uncommon, over 10 carats are scarce in *Fine* and *Extra Fine* qualities. Prices may decrease above 20 carats in the lower grades only.

Reference Data

R/ 1.619-1.627 SG 3.53 ± .04
 H = 8 Bir. 008-.010
 Fluorescence: LW inert to weak; SW inert to moderate.
 Spectrum: Varies.

Treatment

Heat.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
½ to < 1 ct.	10-40	40-60	60-100	100-200
1 to < 3 cts.	15-40	40-100	100-450	450-900
3 to < 5 cts.	25-60	60-275	275-550	550-1,100
5 to < 10 cts.	40-80	80-325	325-675	675-1,200
10 to < 20 cts.	50-100	100-325	325-700	700-1,300
20 to < 50 cts.	60-100	100-250	250-500	500-1,400

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown

Pink Topaz

Color

Non-heated Pink Topaz will be priced higher. Pink is the lighter tones of strongly purplish red, slightly purplish red, red.

Clarity

TYPE I — usually eye clean, very high to minor inclusions under magnification.

Cut

Well cut stones usually available, some native cuts seen.

Carat Weight

Over 10 carats is rare. Over 20 carats prices are negotiable.

Reference Data

R/ 1.619-1.627 SG 3.53 ± .04
 H = 8 Bir. 008-.010
 Fluorescence: LW inert to weak; SW inert to moderate.
 Spectrum: Varies.

Treatment

Heat.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
½ to < 1 ct.	10-30	30-60	60-100	100-200
1 to < 3 cts.	30-100	100-300	300-600	600-750
3 to < 5 cts.	30-100	100-350	350-550	550-800
5 to < 10 cts.	40-100	100-375	375-650	650-900
10 to < 20 cts.	50-150	150-400	400-700	700-1,050

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Bi-Color Tourmaline

Color Pink and green hues are most common; also pink and bluish green, pink and colorless, blue and green. Some stones have more than two colors.

Clarity TYPE II — Since red tourmaline is a Type III gemstone, bi-color stones with red may have eye visible inclusions.

Cut Well cut stones usually available; some native cuts seen. To show the bi-color effect, stones are always emerald cut and due to nature of the rough, often long, narrow shapes.

Carat Weight Over 20 carats is rare, therefore prices are negotiable.

Reference Data RI 1.624-1.644 SG 3.06 + .20, -.06
 H = 7-7½ Bir. 018-.040
 Fluorescence: Varies with colors present.
 Spectrum: Varies with colors present.

Treatment Heat.

	Commercial	Good	Fine	Extra Fine
1 to < 3 cts.	1-4	4-6	6-8	8-10
3 to < 5 cts.	10-20	20-60	60-130	130-180
5 to < 10 cts.	15-25	25-75	75-180	180-250
10 to < 20 cts.	20-45	45-80	80-200	200-300
	30-85	85-135	135-275	275-450

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown

Blue (Indicolite)

Indicolite is the trade name for Blue Tourmaline. Tourmaline from Paraíba, Brazil, is not included in this pricing chart. See the Paraíba Tourmaline pricing chart on page 97.

Color Blue, very slightly greenish blue, greenish blue, very strongly greenish blue.

Clarity TYPE II — usually eye clean with some inclusions under magnification.

Cut Well cut stones usually available; some native cuts seen.

Carat Weight Over 20 carats is rare, therefore prices are negotiable.

Reference Data RI 1.624-1.644 SG 3.06 + .20, -.06
 H = 7-7½ Bir. 018-.040
 Fluorescence: LW & SW inert to weak.
 Spectrum: Almost complete absorption of the red down to 6400 A.U. in addition to a strong, narrow band in the blue-green at 4980 A.U.

Treatment Heat.

	Commercial	Good	Fine	Extra Fine
½ to < 1 ct.	1-4	4-6	6-8	8-10
1 to < 3 cts.	5-20	20-50	50-100	100-150
3 to < 5 cts.	10-50	50-125	125-200	200-300
5 to < 10 cts.	25-70	70-135	135-250	250-450
10 to < 20 cts.	40-80	80-150	150-300	300-550
	40-80	80-150	150-300	300-600

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
Cushion or Emerald	As shown	As shown	As shown	As shown
Other shapes	As shown	As shown	0% to 5%	5% to 10%



Blue/Green Tourmaline

Tourmaline from Paraíba, Brazil, is not included in this pricing chart. See the Paraíba Tourmaline pricing chart on page 97.

Color Bluish green, very strong bluish green, green-blue.

Clarity TYPE I — usually eye clean and very high clarity under magnification.

Cut Well cut stones usually available; some native cuts seen. Although all shapes are cut, Tourmaline rough is often long and thin, yielding emerald cuts.

Carat Weight Large stones over 20 carats somewhat available. Prices may decrease above 20 carats.

Reference Data RI 1.624-1.644 SG 3.06 + .20, - .06
H = 7-7½ Bfr. 018-.040

Fluorescence: LW & SW inert to weak.
Spectrum: Almost complete absorption of the red down to 6400 A.U. in addition to a strong, narrow band in the blue-green at 4980 A.U.

Treatment Heat.

	Commercial	Good	Fine	Extra Fine
1/2 to < 1 ct.	1-4	4-6	6-8	8-10
1 to < 3 cts.	5-15	15-35	35-80	80-135
3 to < 5 cts.	10-25	25-90	90-175	175-225
5 to < 10 cts.	20-40	40-100	100-200	200-275
10 to < 20 cts.	30-55	55-125	125-225	225-300
20 to < 50 cts.	40-60	60-135	135-200	200-325
	35-40	40-100	100-200	200-300

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
Emerald	As shown	As shown	As shown	As shown
Other shapes	0% to 5%	0% to 5%	0% to 5%	0% to 5%

Cat's-Eye Tourmaline

Only Pink and Green Cat's-Eye Tourmaline represented below. Other colors should be priced separately.

Color Green-blue, very strongly bluish green, bluish green, very slightly bluish green, green, slightly yellowish green, yellowish green, strongly yellowish green, yellow-green, greenish yellow. Finest color for this chart is green to green-blue.

Clarity No clarity type classification. Usually eye-visible inclusions.

Cut Well cut cabochons usually available; some native cuts seen. Optimum cut is medium dome height with a minimum of weight below the girdle.

Carat Weight Over 10 carats somewhat available. Over 20 carats is rare, therefore prices are negotiable.

Reference Data RI 1.624-1.644 SG 3.06 + .20, - .06
H = 7-7½ Bfr. 018-.040

Fluorescence: LW & SW inert.

Treatment Not usually treated.

	Commercial	Good	Fine	Extra Fine
1 to < 3 cts.	1-4	4-6	6-8	8-10
3 to < 5 cts.	6-30	30-55	55-100	100-175
5 to < 10 cts.	10-40	40-80	80-150	150-225
	15-50	50-125	125-275	275-350

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
Round or Oval Cabochon	As shown	As shown	As shown	As shown



Chrome Tourmaline

Color Very strongly bluish green, bluish green, very slightly bluish green, green, slightly yellowish green, yellowish green.

Clarity TYPE I — usually eye clean and very high clarity under magnification.

Cut Well cut stones usually available; some native cuts seen.

Carat Weight Over 10 carats is rare, therefore prices are negotiable.

Reference Data R/1.624-1.644 SG 3.06 + .20, - .06
H = 7-7½ Bir. .018-.040

Fluorescence: LW & SW inert to weak.
Spectrum: Almost complete absorption of the red down to 6400 A.U. in addition to a strong, narrow band in the blue-green at 4980 A.U.

Treatment Not usually treated.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
½ to < 1 ct.	20-60	60-120	120-180	180-300
1 to < 2 cts.	35-75	75-200	200-270	270-400
2 to < 3 cts.	50-150	150-300	300-425	425-600
3 to < 5 cts.	50 and up	250-350	350-450	450-625
5 to < 10 cts.	80 and up	300-450	450-650	650-900

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Golden Tourmaline

Color Greenish yellow, yellow, orangy yellow, yellowish orange.

Clarity TYPE II — lighter tones or large stones may not be eye clean.

Cut Well cut stones usually available; some native cuts seen.

Carat Weight Over 10 carats is rare, therefore prices are negotiable.

Reference Data R/1.624-1.644 SG 3.06 + .20, - .06
H = 7-7½ Bir. .018-.040

Fluorescence: LW & SW inert to weak.
Spectrum: None.

Treatment Not usually treated.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
1 to < 3 cts.	15-25	25-50	50-85	85-135
3 to < 5 cts.	20-50	50-80	80-135	135-200
5 to < 10 cts.	25-75	75-135	135-175	175-235

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Green Tourmaline

Tourmaline from Paraíba, Brazil is not included in this pricing chart. See the Paraíba Tourmaline pricing chart on page 97.

Color
Green, slightly yellowish green, yellowish green, strongly yellowish green, yellow-green.

Clarity
TYPE I — usually eye clean and very high clarity under magnification.

Cut
Well cut stones usually available; some native cuts seen. Although all shapes are cut, Tourmaline rough is often long and thin yielding emerald cuts.

Carat Weight
Large stones over 20 carats readily available. Prices may decrease above 20 carats.

Reference Data

R1 1.624-1.644 SG 3.06 + .20, -.06
H = 7-7½ Br. 018-.040
Fluorescence: LW & SW inert to weak.
Spectrum: Almost complete absorption of the red down to 6400 A.U. in addition to a strong, narrow band in the blue-green at 4980 A.U.

Treatment

Heat.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
½ to < 1 ct.	5-10	10-20	20-30	30-50
1 to < 3 cts.	10-20	20-45	45-60	60-200
3 to < 5 cts.	15-25	25-60	60-80	80-225
5 to < 10 cts.	25-40	40-70	70-115	115-150
10 to < 20 cts.	30-60	60-90	90-150	150-200
20 to < 50 cts.	20-30	30-60	60-100	100-150

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
Emerald	As shown	As shown	As shown	As shown
Other shapes	0% to 5%	0% to 5%	0% to 5%	0% to 5%



Paraíba Tourmaline

Paraíba Tourmaline comes from a mine in the small village of São José da Batalha, which is located in the state of Paraíba in northeastern Brazil.

Color
Very slightly bluish green, very strongly bluish green, blue-green, greenish blue, very slightly greenish blue, blue, bluish violet, violet. Characterized by a bright "neon" appearance.

Clarity
No clarity type classification. Moderate inclusions may be present. Many stones are not eye clean.

Cut
Native cuts usually seen; well cut stones sometimes available. Rough is usually faceted into brilliant cuts. Pear shapes and ovals are common.

Carat Weight
Rare in all sizes and shapes.

Reference Data

R1 1.618-1.646 SG 3.03-3.12
H = 7-7½ Br. 018-.025
Fluorescence: LW & SW inert to weak.
Spectrum: Green to Blue Tourmaline from Paraíba characterized by a broad band with an apparent absorption.

Treatment

Heat.

Paraíba Tourmaline occurs in many different hues. The following price chart pertains only to the "neon" greenish-blue color.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
< ½ ct.	100-300	300-600	600-1,200	1,200-2,500
½ to < 1 ct.	200-500	500-2,500	2,500-4,000	4,000-7,000
1 to < 2 cts.	500-1,500	1,500-4,500	4,500-7,000	7,000-16,000
2 to < 3 cts.	800-2,000	2,000-6,000	6,000-15,000	15,000-20,000

Nigerian Cuprian Tourmaline - Copper bearing Tourmaline from Nigeria and Mozambique. May be encountered under the trade names Paraíba, Paraíba-type or Cuprian Tourmaline.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
< ½ ct.	100-200	200-300	300-500	500-1,000
½ to < 1 ct.	150-300	300-1,000	1,000-2,000	2,000-4,000
1 to < 2 cts.	200-800	800-2,000	2,000-4,000	4,000-7,000
2 to < 3 cts.	350-1,000	1,000-3,000	3,000-5,000	5,000-9,000



Pink Tourmaline

Color Strongly purplish red, slightly purplish red, red. Tone and saturation levels distinguish Pink Tourmaline from Red Tourmaline.

Clarity TYPE II — usually eye clean with some inclusions under magnification.

Cut Well cut stones available; some native cuts seen.

Carat Weight Large stones up to 50 carats readily available. Prices may decrease above 20 carats.

Reference Data

Rl 1.624-1.644 SG 3.06 + .20, - .06
 H = 7-7½ Br. 018-.040
 Fluorescence: LW & SW None to very weak red.
 Spectrum: A broad band in the green and lines at 4580 and 4510 A.U. in the blue.

Treatment Irradiation, heat.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
½ to < 1 ct.	8-16	16-40	40-80	80-100
1 to < 3 cts.	15-20	20-60	60-125	125-150
3 to < 5 cts.	20-35	35-80	80-150	150-200
5 to < 10 cts.	25-45	45-90	90-200	200-260
10 to < 20 cts.	50-70	70-100	100-200	200-350
20 to < 50 cts.	30-50	50-125	125-240	Negotiable

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Red (Rubellite)

Rubellite is the trade name for Red Tourmaline.

Color Strongly purplish red, slightly purplish red, red. Also brown modifier to these hues.

Clarity TYPE III — usually eye visible inclusions although some locations produce cleaner stones that are usually eye clean.

Cut Well cut stones usually available; some native cuts seen.

Carat Weight Over 20 carats is rare, therefore prices are negotiable.

Reference Data

Rl 1.624-1.644 SG 3.06 + .20, - .06
 H = 7-7½ Br. 018-.040
 Fluorescence: LW & SW inert to weak.
 Spectrum: A broad band in the green and lines are 4580 and 4510 A.U. in the blue.

Treatment Irradiation, heat.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
½ to < 1 ct.	10-25	25-50	50-75	75-90
1 to < 3 cts.	25-60	60-80	80-125	125-210
3 to < 5 cts.	40-75	75-125	125-165	165-225
5 to < 10 cts.	45-85	85-135	135-200	200-300
10 to < 20 cts.	70-120	120-175	175-235	235-380

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Turquoise

Color Very strongly greenish blue, greenish blue, very slightly greenish blue, blue.

Clarity No clarity type classification — opaque.

Cut Oval cabochon most common. Only prices given.

Carat Weight Any.

Reference Data RI 1.610-1.650 SG 2.76 + .14, - .36
H = 5-6

Fluorescence: LW None to weak greenish yellow; SW Inert.
Spectrum: Two hardly visible bands at 4320 and 4200 A.U. are occasionally seen in strong reflected light.

Treatment Waxed.

Prices are per stone

Oval Cabochon	Commercial	Good	Fine	Extra Fine
6 x 4 mm	1.00	2.50	5.00	10.00
8 x 6 mm	2.00	5.00	10.00	20.00
10 x 8 mm	3.00	8.00	15.00	30.00
12 x 10 mm	4.00	10.00	20.00	40.00
14 x 10 mm	5.00	12.00	25.00	50.00
16 x 12 mm	6.00	15.00	35.00	75.00
18 x 13 mm	7.00	18.00	50.00	100.00
20 x 15 mm	8.00	20.00	75.00	150.00



Zircon (All colors except blue and brown)

Variety designated by color.

Color Many colors possible; usually seen as earthtone colors — brown modifier to greenish, yellowish, orangy, and reddish hues.

Clarity TYPE II — usually eye clean with some inclusions under magnification. Abraded facets common.

Cut Well cut stones usually available. Round, oval or cushion cuts mostly seen.

Carat Weight Over 10 carats is rare, therefore prices are negotiable.

Reference Data RI 1.925-1.984 SG 4.70 + .03, - .80
H = 6-7½ Bir. 000-.059

Fluorescence: Red and orange-red: weak to strong yellow or orange. Yellow and orange-yellow: none or weak yellow or orange. Green: none. Some colorless stones may glow yellow-ish.

Spectrum: May show as many as 40 or more absorption lines and bands for some green stones to none for some reds and browns. Low-type green Zircons usually exhibit only a broad, vague band in the 6535 A.U. area.

Treatment Heat.

	Commercial	Good	Fine	Extra Fine
½ to < 1 ct.	3-7	7-12	12-25	25-40
1 to < 3 cts.	5-10	10-20	20-35	35-50
3 to < 5 cts.	10-18	18-25	25-40	40-55
5 to < 10 cts.	15-30	30-45	45-60	60-90

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Blue Zircon

Color Blue, very slightly greenish blue, greenish blue, very strongly greenish blue.

Clarity TYPE I — Usually eye clean and very high clarity under magnification. Abraded facets common.

Cut Well cut stones usually available. Mostly round cuts seen.

Carat Weight Over 20 carats is rare, therefore prices are negotiable.

Reference Data R/ 1.925-1.984 SG 4.70 + .03, - .80
 H = 6-7½ Bfr .000-.059
Fluorescence: Very weak to moderate light blue.
Spectrum: Some blue stones will show a 6535 A.U. line only.

Treatment Heat.

	Commercial	Good	Fine	Extra Fine
	1-4	4-6	6-8	8-10
½ to < 1 ct.	5-10	10-25	25-40	40-75
1 to < 3 cts.	10-20	20-50	50-75	75-120
3 to < 5 cts.	10-30	30-65	65-135	135-200
5 to < 10 cts.	15-40	40-80	80-150	150-200
10 to < 20 cts.	20-50	50-100	100-175	175-300

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown



Brown Zircon

Color Brown to rich "coffee" brown, occurs naturally.

Clarity TYPE II — usually eye clean with some inclusions under magnification. Abraded facets are common.

Cut Well cut and designer cut usually available. Round, oval and cushions cuts mostly seen.

Carat Weight Most reliable range is 1 to under 10 carats. Stones over 30 carats seen, but typically over 10 carats is considered rare and therefore prices are negotiable.

Reference Data R/ 1.925-1.984 SG 4.70 + .03, - .80
 H = 6-7½ Bfr .000-.059

Treatment Not usually treated.

	Commercial	Good	Fine	Extra Fine
	1-4	4-6	6-8	8-10
1 to < 3 cts.	10-15	15-30	30-35	35-50
3 to < 6 cts.	15-20	20-35	35-45	45-50
6 to < 9 cts.	20-30	30-40	40-50	50-65

ZOISITE



Tanzanite

Color

Purple, bluish purple, violet, bluish violet, violetish blue, blue. Tanzanite is highly trichroic and will exhibit varying amounts of blue and violet in incandescent and daylight. Finest color is usually strong blue only in daylight.

Clarity

TYPE I — usually eye clean and very high clarity under magnification.

Cut

Well cut stones available, some native cuts prevalent.

Carat Weight

Large stones up to 50 carats available. Over 50 carats prices are negotiable.

Reference Data

RI 1.691-1.700 SG 3.35 + .10, - .25
H = 6-7 Brf. 008-.013
Fluorescence: LW & SW Inert.
Spectrum: Varies.

Treatment

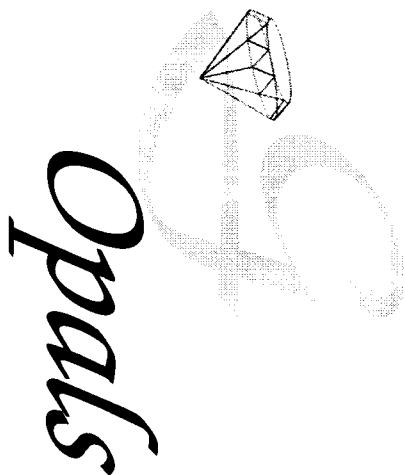
Heat.

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
½ to < 1 ct.	20-50	50-200	200-300	300-400
1 to < 2 cts.	40-125	125-275	275-425	425-500
2 to < 3 cts.	50-150	150-400	400-500	500-625
3 to < 10 cts.	100-200	200-425	425-525	525-675
10 to < 20 cts.	90-225	225-425	425-550	550-650
20 to < 50 cts.	75-250	250-375	375-525	425-600

Shape/Quality/Price Correlation Chart

	Commercial	Good	Fine	Extra Fine
All shapes	As shown	As shown	As shown	As shown

Note: A Pink Variety of zoisite is trading in the gem market as "pink tanzanite." This product is currently believed to be available only in very limited quantities. Subscribers should not confuse this material with pale colored tanzanite of commercial quality. Demand in the collector's market for "pink tanzanite" has driven prices to \$600-\$900 p/c.





Black Opal — Green-blue

These charts are to be used when green or blue is the primary play of color. Multi-color may be priced higher in each category while single color may be priced lower.

	Commercial		Good	
	1-4	4-5	5-6	
1 to < 5 cts.	3-35	35-80	80-200	
5 to < 15 cts.	5-35	35-80	80-210	

	Fine		Extra Fine	
	6-7	7-8	8-9	9-10
1 to < 5 cts.	200-550	550-1,000	1,000-2,500	2,500-4,500
5 to < 15 cts.	200-580	580-1,250	1,250-2,750	2,750-5,000

Black Opal — Red-orange

These charts are to be used when red or orange is the primary play of color. Multi-color may be priced higher in each category while a single color red may be priced lower.

	Commercial		Good	
	1-4	4-5	5-6	
1 to < 5 cts.	8-50	50-150	150-375	
5 to < 15 cts.	8-50	50-150	150-385	

	Fine		Extra Fine	
	6-7	7-8	8-9	9-10
1 to < 5 cts.	375-950	950-2,200	2,200-4,900	4,900-8,500
5 to < 15 cts.	380-1,000	1,000-2,400	2,400-5,100	5,100-9,000

Opals are usually cut into oval or round cabochons. Consideration will need to be given if a stone is cut into an unusual shape. Also check the opal to see if it is too thin—which can make the stone fragile—or too thick. Sometimes extra weight in the form of patch or common opal can be left on the bottom. These points should be taken into consideration when pricing opal.



Boulder Opal

Prices are per stone

	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
Small 1 to 5 cts.	2 and up	30-500	500-1,500	1,500-3,000
Medium 5 to 10 cts.	5 and up	200-850	850-2,000	2,000-6,500
Large 10 to 15 cts.	8 and up	300-1,100	1,100-2,500	2,500-10,000
Very Large 15 to 30 cts.	10 and up	450-1,500	1,500-5,000	5,000-20,000
Very, Very Large ~30 cts. and >	15 and up	500-1,800	1,800-7,000	7,000-40,000



Semi-Crystal Opal, Gray Blue

	Commercial 1-4	Good 4-5	5-6
1 to < 5 cts.	2-15	15-30	30-60
5 to < 15 cts.	2-18	18-35	35-65

	Fine 6-7	7-8	8-9	Extra Fine 9-10
1 to < 5 cts.	60-125	125-250	250-400	400-900
5 to < 15 cts.	65-150	150-350	350-475	475-1,000

Crystal Black Opal

	Commercial 1-4	Good 4-5	5-6
1 to < 5 cts.	5-25	25-75	75-180
5 to < 15 cts.	5-25	25-80	80-190

	Fine 6-7	7-8	8-9	Extra Fine 9-10
1 to < 5 cts.	180-440	440-850	850-1,600	1,600-3,200
5 to < 15 cts.	190-460	460-900	900-1,750	1,750-3,500

White crystal opal is priced significantly less than the crystal black material. Please refer to the white opal page for pricing reference.



White base, Jelly Opal

	Commercial	Good
	1-4	4-5
1 to < 15 cts.	2-10	10-20
		20-30

	Fine	Extra Fine
	6-7	7-8
1 to < 15 cts.	30-50	50-75
		75-150
		150-275



Fire Opal (Reddish-orange faceted)

	Commercial	Good	Fine	Extra Fine
	1-4	4-6	6-8	8-10
1 to < 5 ct.	1-30	30-80	80-160	160-400
5 to < 10 cts.	5-25	25-90	90-175	175-400

Opal Triplets

Prices are per piece

Oval	Commercial	Good	Fine	Extra Fine
6 x 4 mm	2.00-2.60	3.40-5.50	6.00	10.00
7 x 5 mm	2.80-3.60	5.00-9.00	15.00	25.00
8 x 6 mm	4.00-5.00	7.00-12.00	16.00	28.00
9 x 7 mm	4.00-6.00	9.00-18.00	25.00	36.00
10 x 8 mm	6.00-8.00	13.00-28.00	32.00	48.00
11 x 9 mm	7.00-10.00	16.00-30.00	38.00	57.00
12 x 10 mm	8.00-12.00	19.00-38.00	50.00	74.00
14 x 7 mm	8.00-12.00	19.00-38.00	50.00	74.00
14 x 10 mm	10.00-22.00	26.00-55.00	70.00	105.00
16 x 12 mm	16.00-24.00	38.00-76.00	100.00	150.00
18 x 9 mm	15.00-22.00	35.00-70.00	90.00	135.00
18 x 13 mm	28.00-36.00	55.00-105.00	140.00	210.00



Opal Triplets

Prices are per piece

Round	Commercial	Good	Fine	Extra Fine
4 mm	1.60-2.00	2.60-3.60	5.00	7.00
5 mm	2.00-2.60	3.00-5.40	6.00	10.00
6 mm	3.00-4.00	4.60-7.60	10.00	16.00
7 mm	3.60-4.80	5.40-11.40	15.00	25.00
8 mm	4.60-6.00	7.60-16.60	21.00	32.00
9 mm	5.40-8.60	10.60-22.60	30.00	50.00
10 mm	6.00-7.80	13.60-27.00	36.00	58.00





Jadette Jade

Color

Green, yellow, white, light purple (lavender), reddish orange, brown, gray, and combinations of these colors; often mottled.

Clarity

Semitransparent to opaque.

Cut

Cabochons, beads and carvings.

Carat Weight

Extra fine green jade ("Imperial Jade") often smaller than one carat, prices are highly negotiable. Carvings range in size and can be very large.

Reference Data

R1 1,660-1,680

SG 3.34 + .06, - .09

H = 6½-7

Br Usually not detectable

Fluorescence: LW inert to very weak whitish, greenish, yellowish, or brownish red; SW usually inert.

Spectrum: Translucent stones, if not too dark, usually show a line at 4370 A.U. Chrome green stones usually show three lines in the 6915-6550 and the 6300 A.U. Stones with green dye show a single, broad band in the area 6400-6700 A.U.

Treatment

Bleaching, dyeing, waxing.

Refer to *The Guide Reference Manual* for the "Colors of Jade" reference chart.

All prices quoted are for untreated Jadette. Prices are per stone.

Number	10 x 14 mm
1	20,000
2	200
3	2,000
4	2,000
5	7,500
6	2,000
7	1,250
8	1,200
9	200
10	300
11	280



Jadeite Jade

Refer to The Guide Reference Manual for the "Colors of Jade" reference chart.

All prices quoted are for untreated Jadeite. Prices are per stone.

Number		10 x 14 mm	Number		10 x 14 mm
12	13	1,200	31	32	100
13	14	850	32	33	75
14	15	125	33	34	120
15	16	200	34	35	200
16	17	1,200	35	36	200
17	18	1,500	36	37	150
18	19	1,000	37	38	400
19	20	800	38	39	300
20	21	1,250	39	40	325
21	22	500	40	41	120
22	23	150	41	42	50
23	24	30	42	43	35
24	25	150	43	44	90
25	26	100	44	45	100
26	27	180	45	46	125
27	28	100	46	47	75
28	29	100	47	48	125
29	30	400	48	49	125
30		225			25

A	B	C	D	E	F	G	H	I	J
350	850	150	250	250	75	40	120	420	50

Bangle Bracelet

8 to 10 mm wide, ~2 in. inside diameter. Prices are per bracelet.

Solid, one-piece	
Green, Extra Fine	25,000 and up
Green, Fine	5,000-25,000
Green, Good	1,000-5,000
Green, Commercial	100-1,000
Lavender, Fine	3,000-10,000
Lavender, Good	500-3,000
Lavender, Commercial	100-500
Red	200-750
Yellow	100-500
White	200-750
Grey	200-500

Bangle Bracelet

Two-piece with gold hinges. 8 to 10 mm wide, ~2 in. inside diameter. Prices are per bracelet.

Two-piece	
Green, Extra Fine	20,000 and up
Green, Fine	3,000-20,000
Green, Good	750-3,000
Green, Commercial	100-750
Lavender, Fine	2,500-7,500
Lavender, Good	500-2,500
Lavender, Commercial	100-500
Red	100-600
Yellow	100-400
White	200-600
Grey	200-500



Carved Pendant

3 to 4 cm long. Prices are per piece.

Color	10,000 and up
Green, Extra Fine	3,000-10,000
Green, Fine	750-3,000
Green, Good	50-750
Green, Commercial	1,000-4,000
Lavender, Fine	400-1,000
Lavender, Good	50-400
Lavender, Commercial	50-500
Red	50-350
Yellow	50-300
White	50-250
Grey	

Guatemala Jadeite

Color Black, lavender, mottled white, blue, different intensities of green, light yellow, pink.

Clarity Semitransparent to opaque.

Cut Cabochons, beads and carvings.

Carat Weight Small to large sizes readily available, as well as carvings.

Reference Data RI 1.660-1.680 SG 3.34 + .06, -.09
H = 6½-7 Bir Usually not detectable

Fluorescence: LW inert to very weak whitish, greenish, yellowish, or brownish red; SW usually inert.

Spectrum: Translucent stones, if not too dark, usually show a line at 4370 A.U. Chrome green stones usually show three lines in the 6915-6550 and the 6300 A.U. Stones with green dye show a single, broad band in the area 6400-6700 A.U.

Treatment Not usually treated.

Bead Necklaces

With 14K clasp. Prices are per strand.

18" length	6 to 8 mm beads	8 to 10 mm beads
Green, Extra Fine	20,000 and up	30,000 and up
Green, Fine	5,000-20,000	7,500-30,000
Green, Good	2,000-5,000	3,000-7,500
Green, Commercial	200-2,000	300-3,000
Lavender, Fine	3,000-15,000	5,000-20,000
Lavender, Good	1,000-3,000	1,500-5,000
Lavender, Commercial	100-1,000	150-1,500
Red	250-500	300-700
Yellow	200-500	250-600
White	200-400	250-600
Grey	200-400	250-600

	Galactic Gold	Maya Black	Rainbow
8 x 6 mm	119	18	105
10 x 8 mm	153	23	135
12 x 10 mm	187	28	165
14 x 10 mm	204	30	180
16 x 8 mm	204	30	180
16 x 12 mm	238	35	210
18 x 9 mm	238	35	210
18 x 13 mm	272	40	240
20 x 12 mm	272	40	240
20 x 15 mm	306	45	270
22 x 8 mm	255	38	225
25 x 18 mm	374	55	330
30 x 22 mm	442	65	390
40 x 30 mm	595	88	525

Galactic Gold is a black jadeite containing precious metal flecks which sparkle throughout these gems. It is the only known jadeite containing six heavy metals. These have been identified as silver, nickel, cadmium, pyrite, platinum and gold.



Nephrite Jade

Color

Green; usually very dark or with black inclusions; may be dyed other colors. May be translucent to opaque.

Clarity

No clarity type classification.

Cut

Can be cut or carved into any shape. Often seen as symbols, charms, or animals. Oval cabochon prices only given.

Carat Weight

Any.

Reference Data

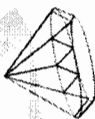
RI 1.606-1.632 SG 2.95 + .15, - .05
 H = 6-6½ Br Usually not detectable
 Fluorescence: LW & SW Inert.
 Spectrum: Absorption line at 5000 A.U.

Treatment

Dyeing

Prices are per stone.

Oval	Good	Fine
5 x 3 mm	1.00	2.00
6 x 4 mm	1.25	2.50
7 x 5 mm	1.50	3.00
8 x 6 mm	2.00	4.00
9 x 7 mm	2.00	4.00
10 x 8 mm	2.00	4.00
11 x 9 mm	2.50	5.00
12 x 10 mm	2.50	5.00
14 x 10 mm	3.00	6.00
14 x 12 mm	3.50	7.00
16 x 12 mm	4.00	8.00
18 x 13 mm	6.00	12.00
20 x 15 mm	8.00	15.00



Pearls



Cultured Saltwater Pearls (Single Pearls)

Half-drilled, prices are per pearl.

	Commercial	Good	Fine	Extra Fine
2 to 2½ mm	1.00	2.00	2.50	3.00
2½ to 3 mm	1.50	2.50	2.75	3.50
3 to 3½ mm	1.75	2.75	3.50	4.50
3½ to 4 mm	2.25	3.00	4.00	5.00
4 to 4½ mm	2.50	3.25	4.75	6.00
4½ to 5 mm	2.75	3.50	5.00	6.50
5 to 5½ mm	3-5	5-7	7-9	9-12
5½ to 6 mm	3-6	6-10	10-13	13-18
6 to 6½ mm	4-7	7-10	10-15	15-22
6½ to 7 mm	6-10	10-15	15-24	24-30
7 to 7½ mm	8-14	14-22	22-30	30-45
7½ to 8 mm	12-25	25-45	45-65	65-100
8 to 8½ mm	25-50	50-75	75-150	150-200
8½ to 9 mm	45-50	65-125	125-200	200-250
9 to 9½ mm	70-135	135-300	300-500	500-800
9½ to 10 mm	85-200	200-400	400-600	600-1,000



Cultured Saltwater Pearl Necklaces

With 1 1/4 K clasp, prices are per strand.

Choker 16"	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
2 to 2 1/2 mm	100-125	125-250	250-325	325-375
2 1/2 to 3 mm	100-150	150-250	250-325	325-350
3 to 3 1/2 mm	100-150	150-250	250-325	325-365
3 1/2 to 4 mm	100-150	150-250	250-350	350-400
4 to 4 1/2 mm	100-165	165-275	270-375	375-500
4 1/2 to 5 mm	100-185	185-300	350-400	400-600
5 to 5 1/2 mm	100-200	200-400	400-550	550-700
5 1/2 to 6 mm	120-250	250-400	400-500	500-650

Princess 18"	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
6 to 6 1/2 mm	100-250	250-450	450-750	750-1,000
6 1/2 to 7 mm	125-275	275-600	600-900	900-1,500
7 to 7 1/2 mm	200-350	350-700	700-1,200	1,200-2,000
7 1/2 to 8 mm	250-500	500-900	900-1,700	1,700-2,700
8 to 8 1/2 mm	350-750	750-1,300	1,300-2,200	2,200-3,500
8 1/2 to 9 mm	500-1,100	1,100-2,200	2,200-3,300	3,300-4,600
9 to 9 1/2 mm	1,100-2,200	2,200-3,500	3,500-5,500	5,500-8,000
9 1/2 to 10 mm	1,300-3,000	3,000-5,000	5,000-8,000	8,000-12,000

Note: Some manufacturers might produce 5 to 5 1/2 and 5 1/2 to 6 mm in 18" length. Add on for the additional length.



Cultured Saltwater Pearl Necklaces

With 1 1/4 K clasp, prices are per strand.

Matiene 24"	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
2 to 2 1/2 mm	150-200	200-375	375-475	475-575
2 1/2 to 3 mm	150-225	225-375	375-500	500-525
3 to 3 1/2 mm	150-225	225-375	375-500	500-550
3 1/2 to 4 mm	150-225	225-375	375-525	525-600
4 to 4 1/2 mm	150-250	250-425	425-575	575-675
4 1/2 to 5 mm	150-280	280-450	450-600	600-750
5 to 5 1/2 mm	150-300	300-600	600-825	825-1,050
5 1/2 to 6 mm	180-375	375-600	600-750	750-1,000

Matiene 27"	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
6 to 6 1/2 mm	150-375	375-700	700-1,125	1,125-1,650
6 1/2 to 7 mm	190-425	425-900	900-1,350	1,350-2,250
7 to 7 1/2 mm	300-525	525-1,050	1,050-1,800	1,800-3,000
7 1/2 to 8 mm	375-750	750-1,350	1,350-2,500	2,500-4,050
8 to 8 1/2 mm	525-1,125	1,125-1,950	1,950-3,300	3,300-5,250
8 1/2 to 9 mm	750-1,650	1,650-3,300	3,300-4,950	4,950-6,900
9 to 9 1/2 mm	1,650-3,300	3,300-5,250	5,250-8,300	8,300-12,500
9 1/2 to 10 mm	1,950-5,000	5,000-8,000	8,000-12,500	12,500-18,000



Cultured Saltwater Pearl Necklaces

With 14 K clasp, prices are per strand.

Opera 32"	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
2 to 2½ mm	200-250	250-500	500-650	650-800
2½ to 3 mm	200-300	300-500	500-650	650-750
3 to 3½ mm	200-300	300-500	500-650	650-800
3½ to 4 mm	200-320	320-500	500-750	750-900
4 to 4½ mm	200-325	325-550	550-800	800-1,000
4½ to 5 mm	200-350	350-600	600-850	850-1,050
5 to 5½ mm	200-400	400-800	800-1,100	1,100-1,400
5½ to 6 mm	200-500	500-800	800-1,000	1,000-1,300

Opera 36"	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
6 to 6½ mm	200-500	500-900	900-1,500	1,500-2,200
6½ to 7 mm	250-550	550-1,200	1,200-1,800	1,800-3,000
7 to 7½ mm	400-700	700-1,400	1,400-2,400	2,400-4,000
7½ to 8 mm	500-1,000	1,000-1,800	1,800-3,400	3,400-5,400
8 to 8½ mm	700-1,500	1,500-2,600	2,600-4,400	4,400-7,000
8½ to 9 mm	1,100-2,200	2,200-4,400	4,400-6,600	6,600-9,200
9 to 9½ mm	2,200-4,400	4,400-7,000	7,000-11,000	11,000-18,000
9½ to 10 mm	2,600-6,000	6,000-10,000	10,000-16,000	16,000-26,000

With 14 K clasp, prices are per strand. Smaller pearls at ends to larger pearls in middle.

Graduated 19"	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
3 x 7 mm	175-275	275-475	475-675	675-1,000
4 x 8 mm	200-295	295-600	600-900	900-1,500

Baroque Cultured Saltwater Pearl Necklaces

With 14 K clasp, prices are per strand.

Choker 16" and Princess 18"	Commercial 1-4	Good 4-6	Fine 6-8	Extra Fine 8-10
5½ to 6 mm	55-80	85-140	145-300	200-230
6 to 6½ mm	70-100	100-190	200-230	240-265
6½ to 7 mm	80-110	110-200	220-260	275-300
7 to 7½ mm	90-115	125-250	260-400	400-460
7½ to 8 mm	140-155	175-300	300-520	525-600
8 to 8½ mm	160-180	200-375	375-600	600-690
8½ to 9 mm	185-215	225-450	460-690	700-795
9 to 9½ mm	345-400	400-750	750-2,000	2,000-2,300
9½ to 10 mm	575-865	900-1,700	1,725-2,500	2,500-3,000



South Sea Cultured Pearls

Round shape.

Prices are per Pearl.	Commercial		Good		Fine		Extra Fine	
	1-4	4-6	6-8	8-10	10 to 11 mm	11 to 12 mm	12 to 13 mm	13 to 14 mm
10 to 11 mm	100-200	200-300	300-450	450-725	100-200	200-375	375-575	575-1,000
11 to 12 mm	150-250	250-425	425-800	800-1,300	150-250	250-400	400-600	600-1,000
12 to 13 mm	250-400	400-600	600-1,000	1,000-2,000	250-400	400-600	600-1,000	1,000-2,000
13 to 14 mm	300-500	500-900	900-1,600	1,600-3,300	300-500	500-900	900-1,600	1,600-3,300
14 to 14½ mm	350-700	700-1,300	1,300-2,500	2,500-4,000	350-700	700-1,300	1,300-2,500	2,500-4,000
14½ to 15 mm	500-800	800-1,600	1,600-3,000	3,000-4,500	500-800	800-1,600	1,600-3,000	3,000-4,500
15 to 15½ mm								
Prices/Strands								
,10 to 12½ mm	3,800-5,000	5,000-8,000	8,000-13,000	13,000-18,000				
12½ to 15 mm	6,000-8,000	8,000-14,000	14,000-25,000	25,000-60,000				

South Sea Cultured Pearls — Golden

Drop shape. Prices are per pearl.

	Commercial		Good		Good		Fine	
	Light	Dark	Light	Dark	Light	Dark	Light	Dark
9 to 10 mm	75	150	100	250	120	300	120	375
10 to 11 mm	125	225	175	300	180	375	250	450
11 to 12 mm	180	300	235	450	260	600	370	700
12 to 13 mm	200	450	250	650	350	900	450	1,300

Round shape. Prices are per pearl.

	Commercial		Good		Good		Fine	
	Light	Dark	Light	Dark	Light	Dark	Light	Dark
9 to 10 mm	80	180	120	250	150	300	200	400
10 to 11 mm	100	250	150	275	200	400	275	500
11 to 12 mm	175	300	180	500	300	650	350	800
12 to 13 mm	250	450	300	700	450	1,000	600	1,400

Chinese Freshwater Pearls (Off-round to round, white)

Prices are per strand for standard 16" to 18" unstrung hanks.

	Commercial			Good			Fine		
	1-4	4-6	6-8	1-5	3-12	10-35	35-90	35-90	55-125
3 to 4 mm									
4 to 5 mm									
5 to 6 mm									
6 to 7 mm									
7 to 8 mm									
8 to 9 mm									
9 to 10 mm									
10 to 11 mm									

As the pearl size increases, a greater variance in millimeter size might be noticed within the strands. In the Fine category, users will notice a wide range in prices for certain sizes. This resulted from the presence of a few strands that bordered Extra Fine being included from the marketplace.

Chinese Freshwater Pearls (Off-round to round, pastel, multicolored)

Prices are per strand for standard 16" to 18" unstrung hanks.

	Commercial			Good			Fine		
	3 to 4 mm	5-20	20-50	50-80	7 and up	25-65	65-90	5 to 6 mm	20 and up
4 to 5 mm	7 and up	25-65	65-90	5 to 6 mm	20 and up	50-125	6 to 7 mm	50 and up	100-350
5 to 6 mm	20 and up	50-125	125-300	6 to 7 mm	50 and up	100-350	7 to 8 mm	65 and up	175-375
6 to 7 mm	50 and up	100-350	350-600	8 to 9 mm	90 and up	200-750	9 to 10 mm	100 and up	350-1,000
7 to 8 mm	65 and up	175-375	375-1,500	10 to 11 mm	200 and up	700-1,800			1,800-4,900

Pastel shades include lilac, lavender, peach, plum, apricot, gold and champagne. Additional natural colors are expected. The quality of tonal match in these mixed color strands is important. Well-matched strands will flow evenly from color to color.



Chinese Freshwater Pearls (Potato, white)

Prices are per strand for standard 16" to 18" unstrung hanks.

	Commercial	Good	Fine
3 mm	1-5	3-7	5-15
4 mm	2-7	5-20	10-25
5 mm	5-15	10-30	30-70
6 mm	6-20	20-40	40-70
7 mm	8 and up	30-70	60-110
8 mm	20 and up	80-200	150-300
9 mm	35 and up	125-400	350-800
10 mm	130 and up	325-600	550-1,000

Chinese Freshwater Pearls (Potato, pastel and multicolored)

Prices are per strand for standard 16" to 18" unstrung hanks.

	Commercial	Good	Fine
3 mm	1-5	3-10	8-15
4 mm	1-5	4-8	10-20
5 mm	3-20	15-30	30-90
6 mm	5 and up	30-65	70-125
7 mm	10 and up	25-75	75-175
8 mm	50 and up	250-350	325-650
9 mm	100 and up	275-450	400-900
10 mm	200 and up	325-550	500-1,000

Mabe Pearls

Prices are per pearl. Measurement is width of pearl.

Round	Good to Fine
10 mm	50
11 mm	55
12 mm	60
13 mm	65-70
14 mm	70-85
15 mm	85-95
16 mm	90-120
17 mm	110-195
18 mm	140-200
19 mm	165-250
20 mm	225-325

Pear	Good to Fine
12 to 14 mm	75-85
14 to 15 mm	100-125
16 to 18 mm	165-195

Freshwater Rice Pearl Necklaces

Prices are per strand for standard 16" to 18" unstrung hanks.

	Commercial	Good	Fine
3 to 3½ mm	1.00-2.00	2.00-5.00	5.00-10.00
3½ to 4 mm	1.50-3.00	3.00-5.00	5.00-12.00
4 to 5 mm	2.00-4.00	4.00-6.00	6.00-15.00



Tahitian Black Cultured Pearls

Prices are per pearl.

Round	Commercial		Good		Good+		Fine		
	1-4	4-6	6-8	8-10	100-155	125-165	170-235	185-260	
8 to 8½ mm	25-50	50-80	80-100	100-155	8½ to 9 mm	25-55	55-90	90-125	125-165
9 to 9½ mm	30-70	70-110	110-170	170-235	9½ to 10 mm	35-75	75-120	120-185	185-260
10 to 10½ mm	45-85	85-170	170-210	210-320	10½ to 11 mm	50-90	90-185	185-230	230-330
11 to 11½ mm	60-135	135-200	200-265	265-360	11½ to 12 mm	70-145	145-210	210-290	290-385
12 to 12½ mm	80-160	160-260	260-365	365-540	12½ to 13 mm	90-180	180-315	315-435	435-765
13 to 13½ mm	100-210	210-365	365-510	510-825	13½ to 14 mm	110-275	275-415	415-620	620-1,000

Necklaces are negotiable. Matched pairs are approximately 10% higher.

Circles	Commercial		Good		Fine	
	1-4	4-8	8-10	100-155	125-165	170-235
8 to 9 mm	15-25	25-40	40-50	8 to 9 mm	15-25	25-40
9 to 10 mm	20-30	30-45	45-60	9 to 10 mm	20-30	30-45
10 to 11 mm	25-35	35-55	55-70	10 to 11 mm	25-35	35-55
11 to 12 mm	30-50	50-80	80-95	11 to 12 mm	30-50	50-80
12 to 13 mm	35-60	60-95	95-140	12 to 13 mm	35-60	60-95
13 to 14 mm	40-85	85-165	165-225	13 to 14 mm	40-85	85-165

Necklaces are negotiable. Matched pairs are approximately 10% higher.



Tahitian Black Cultured Pearls

Prices are per pearl. Measurement is across width of pearl.

Drop	Commercial		Good		Good+		Fine	
	1-4	4-6	6-8	8-10	100-155	125-165	170-235	185-260
8 to 8½ mm	15-25	25-35	35-55	55-100	8 to 8½ mm	15-25	25-35	35-55
8½ to 9 mm	15-25	25-45	45-65	65-110	9 to 9½ mm	20-40	40-55	55-85
9 to 9½ mm	20-40	40-55	55-85	85-150	9½ to 10 mm	30-45	45-60	60-95
10 to 10½ mm	40-60	60-85	85-110	110-175	10½ to 11 mm	40-65	65-95	95-120
11 to 11½ mm	50-70	70-105	105-190	190-300	11 to 11½ mm	50-70	70-105	105-190
11½ to 12 mm	75-95	95-115	115-210	210-325	11½ to 12 mm	75-95	95-115	115-210
12 to 12½ mm	80-100	100-180	180-275	275-400	12 to 12½ mm	80-100	100-180	180-275
12½ to 13 mm	90-110	110-200	200-350	350-525	12½ to 13 mm	90-110	110-200	200-350
13 to 13½ mm	100-145	145-250	250-400	400-600	13 to 13½ mm	100-145	145-250	250-400
13½ to 14 mm	120-160	160-300	300-550	550-800	13½ to 14 mm	120-160	160-300	300-550

Sizes larger than 12 mm and necklaces are negotiable.

Prices are per pearl.

Baroque	
8 to 9 mm	5-15
9 to 10 mm	15-25
> 10 mm	25-35

Tahitian Black Cultured Pearl Strands

Tahitian Pearl Strands	Commercial	Good	Fine
9 to 12½ mm	1,000-2,000	2,000-3,500	3,500-7,000
10 to 13½ mm	1,200-2,600	2,600-4,700	4,700-9,500
12 to 15 mm	3,000-5,000	5,000-12,000	12,000-25,000



American Cultured Freshwater Pearls

Prices are per pearl.

Coin	Good	Fine	Extra Fine
10.5 to 11.9 mm	20-35	40-53	65
12 to 12.9 mm	25-45	50-65	80-150
13 to 13.9 mm	40-65	85-125	175-200
14 mm and >	60-85	100-160	175-250

Bar	Good	Fine	Extra Fine
15.2-16 x 3-3.5 mm	12-25	35	45-50
16-17 x 3.5-4 mm	16-20	45	60
20 x 9.5 x 7 mm	80-125	150-200	200-500

Flat Drop	Good	Fine	Extra Fine
17.5-8 x 5.5 mm	20-45	50	80

Navette	Good	Fine	Extra Fine
24.5 x 7 x 4.5 mm	25-35	43-48	75-80

Matched pairs are approximately 10% higher. Natural color harder to match. No bleaches, dyes, or enhancements are used. Sizes are approximate to within 1 mm.



Natural Pearls

Prices are per pearl.

	Commercial	Fair to Good	Good to Fine
1.9 mm	.50	2.80	3.85
2.0 mm	.70	3.60	5.10
2.1 mm	.95	4.75	6.60
2.3 mm	1.55	5.90	8.00
2.5 mm	2.15	7.40	9.50
2.6 mm	2.90	9.00	13.15
2.7 mm	3.90	11.25	16.25
2.9 mm	5.25	14.75	18.90
3.1 mm	6.10	19.75	25.00
3.2 mm	7.60	24.00	30.00
3.3 mm	9.00	31.60	38.50
3.5 mm	11.65	43.00	50.00
3.6 mm	14.00	50.25	58.00
3.7 mm	16.15	58.00	67.50
3.8 mm	21.00	72.50	85.00
3.9 mm	23.00	84.25	95.00
4.0 mm	25.90	89.25	103.00
4.2 mm	37.00	103.00	122.00
4.4 mm	55.00	120.00	141.00
4.5 mm	60.00	134.00	162.00
4.6 mm	66.00	164.00	210.00



Natural Pearls

Prices are per pearl.

	Commercial	Fair to Good	Good to Fine
4.8 mm	73	192	245
5.1 mm	98	220	275
5.3 mm	127	271	322
5.4 mm	158	335	395
5.6 mm	175	381	475
5.8 mm	200	460	588
6.0 mm	225	545	670
6.25 mm	265	640	867
6.5 mm	350	845	1,145
6.75 mm	425	975	1,400
7.0 mm	540	1,200	1,725
7.25 mm	575	1,450	1,975
7.5 mm	820	1,825	2,385
7.75 mm	900	1,975	2,550
8.0 mm	965	2,525	3,150
8.25 mm	1,125	2,900	3,650
8.5 mm	1,325	3,600	4,400
8.75 mm	1,450	3,950	4,875
9.0 mm	1,825	4,600	5,450



Laboratory
GROWN



The product information and prices that appear in this section have been compiled from information as supplied by the individual companies as listed. The charts include major manufacturers and distributors but are not all-inclusive.

Chatham Created Gems Inc.

Chatham Created Emerald-Flux Grown

Prices are per carat. Prices are for all shapes.

	Gem (Eye Clean)	Fine (Slightly Included)	A (More Heavily Included)
.01 to 4.99 cts.	180	140	80
5.0 to 10 cts.	225	175	100
10.01 cts. and >	315	245	140

Chatham Created Ruby-Flux Grown

Prices are per carat. Prices are for all shapes.

	Gem (Eye Clean)	Fine (Slightly Included)	A (More Heavily Included)
.01 to 4.99 cts.	170	120	80
5.0 to 10 cts.	215	150	100
10.01 cts. and >	300	210	140

Chatham Created Alexandrite and Sapphire (blue, pink, padparadscha).
Prices are per carat. Prices are for all shapes. Alexandrite and Sapphire are only available in one quality: Clean/Fine.

	Clean/Fine
.01 to 4.99 cts.	170
5.0 to 10 cts.	215
10.01 cts. and >	300



Gem & Crystal Corp. Ltd.

“Crystalline” Created Emerald–Flux Grown

Prices are per carat. Prices are for all shapes.

	Valueline (Natural Looking Inclusions)	Fine (Slightly Included)	Gem (Eye Clean)
All weights	10	15	20

Gemstones International

Cranberite™ (Pink Sapphire–flame fusion); Chortanite™ (Tanzanite simulant–flame fusion)

Prices are per piece. Prices are for square, round, trillion and heart shapes.

	All Qualities
3 mm	2
4 mm	4
5 to 6 mm	10
6.5 mm	11
7 mm	13
8 to 9 mm	20
10 mm	27
12 mm	30

Created Alexandrite

Prices are per carat.

	All Qualities
All weights	65

Emerald–Hydrothermal Grown

Prices are per carat.

	Top Quality (Clean)
All weights	45

Gemstones International (continued)

Yarolite (Tsavorite simulant-created Green Sapphire)

Prices are per piece; all qualities.

	Oval	Octagon
6 x 4 mm	8	9
7 x 5 mm	12	13
8 x 6 mm	17	19
8 x 10 mm	39	44
9 x 7 mm	28	31
14 x 10 mm	73	—
18 x 13 mm	—	150

Created Opal

Price is per carat.

	All Qualities
All weights	10-15

Padparadscha Sapphire

Price is per carat.

	All Qualities
All weights	5

Synthetic Ruby–Flame Fusion Grown

Price is per carat.

	All Qualities
All weights	4

Synthetic Sapphire–Flame Fusion Grown

Price is per carat.

	All Qualities
All weights	5

LABORATORY GROWN



LABORATORY GROWN

Alan A. Goldman Inc.

Cabochon Blue and Red Star Sapphires

Prices are per stone. Prices are for oval shapes only.

	All Qualities
5 x 3 mm	4.40
6 x 4 mm	5.35
7 x 5 mm	7.50
8 x 6 mm	10.65
9 x 7 mm	15.65
10 x 8 mm	20.65
11 x 9 mm	27.50
12 x 10 mm	33.80
13 x 11 mm	47.50
14 x 10 mm	66.00
14 x 12 mm	69.00
16 x 12 mm	120.00
18 x 13 mm	160.00

J.O. Crystal Co. Inc.

Ramaura™ Cultured Ruby-Flux Grown

Prices are per carat. Prices are for all shapes.

	Gem + (Flawless)	Gem Fine (Eye Clean)	Fine (Slightly Included)	A (Moderately Included)
.01 to 2.99 cts.	200	160	120	75
3.00 to 5.00 cts.	300	200	150	100

J.O. Crystal Co. Inc. (continued)

Empress Cultured Emerald

Prices are per carat. Prices are for all shapes.

	Gem + (Flawless)	Gem (Eye Clean)	Fine (Slightly Included)	A (Moderately Included)
.01 to 4.99 cts.	200	160	130	80
5.00 to 10.00 cts.	300	200	160	100

Nicholas Created Alexandrite

Price is per carat. Price is for all shapes.

	Gem Grade
All weights	100

Kimberley®

Kimberley Created Emerald™-Hydrothermal Grown

Prices are per carat.

	Promotional	Fine	Gem
All weights	50	75	100

Kimberley Created Ruby, Sapphire and Padparadscha Sapphire-Pulled

Price is per carat.

	Gem Quality
All weights	50

Kimberley Created Alexandrite

Price is per carat.

	Gem Quality
All weights	70



The Lannyte Co.

Lab-Grown Ruby, Blue Sapphire, Rose (Pink Sapphire), Coranite[®] (Corundum), and Tanavyle™ (Garnet)*
 Prices are per carat. Prices are for round shapes only. Add \$2.00 per carat for double cut rounds, radiant, princess and cushion cuts.
 *Coranite[®] and Tanavyle™ are Tanzanite simulants.

	All Qualities
2.00 to 2.25 mm	65
2.50 to 2.75 mm	60
3.00 to 3.75 mm	55
3.75 to 4.00 mm	60
4.00 to 4.50 mm	50
5.00 to 5.50 mm	40
6.00 to 9.00 mm	30
10.00 to 14.00 mm	25
14.25 mm and >	20

Lab-Grown Chrysoberyl Alexandrite
 Prices are per carat. Prices are for round shapes only. Add \$2.00 per carat for double-cut rounds, radiant, princess and cushion cuts.

	All Qualities
3.00 to 3.50 mm	70
4.00 to 5.00 mm	50
5.50 to 6.00 mm	45
6.50 to 7.00 mm	40
8.00 to 9.00 mm	35
10.00 to 14.00 mm	30
14.25 mm and >	25

Lab-Grown Emerald
 Prices are per carat. Prices are for square shapes only. Add \$2.00 per carat for radiant, princess and cushion cuts.

	All Qualities
4.00 to 4.50 mm	60
5.00 to 6.50 mm	50
7.00 to 10.00 mm	40

Manning International

Gilson Lab-Created Opal
 Prices are per carat. Prices are for all shapes.

All Weights	All Qualities
White Gilson Opal	45
Crystal Gilson Opal	50
Black Gilson Opal	65

Corundum: Ruby, Blue Sapphire and White Sapphire—Pulled
 Prices are per piece. Prices are for rounds only.

	Ruby and Blue	White
2.00 to 2.25 mm	2.25	2.00
2.50 to 3.00 mm	2.50	2.00

Corundum: Ruby, Blue Sapphire and White Sapphire—Pulled
 Prices are per carat. Prices are for calibrated sizes only.

	Ruby	Blue	White
4 x 2 mm and >	15	20	2

Corundum: Ruby and Blue Sapphire—Flame Fusion
 Price is per piece. Price is for calibrated sizes only.

	Ruby and Blue Sapphire
All calibrated sizes	8

LABORATORY GROWN



LABORATORY GROWN

Ruyle Laboratories

Kashan Created Ruby
Prices are per carat.

	VVS	VS	SI	I
.01 to 2.00 cts.	100	75	55	35
2.01 to 4.00 cts.	200	140	75	45
4.01 to 5.99 cts.	300	200	100	55

Common Synthetics

These stones have been manufactured in the least expensive way and are not supported by name-brand advertising. The flame fusion process is mostly used. Prices are per stone.

Marquise	Cubic Zirconia	Synthetic Spinel	Synthetic Sapphire	Synthetic Spinel Triplet
4 x 2 mm	1.00	1.00	1.50	2.50
6 x 3 mm	1.25	1.50	2.00	3.50
8 x 4 mm	1.50	2.00	2.50	5.00
10 x 5 mm	2.00	2.50	3.50	7.00
12 x 6 mm	3.00	3.00	5.00	9.00
15 x 7 mm	7.50	5.00	7.00	11.00

Pear	Cubic Zirconia	Synthetic Spinel	Synthetic Sapphire	Synthetic Spinel Triplet
5 x 3 mm	1.50	1.50	2.00	3.00
6 x 4 mm	2.00	2.00	3.00	3.50
8 x 5 mm	3.00	3.00	4.00	5.50
9 x 6 mm	3.50	3.50	5.00	6.50
10 x 7 mm	4.00	4.00	6.00	7.50
12 x 8 mm	5.00	5.00	7.00	8.50
14 x 9 mm	6.00	6.00	8.00	9.50
15 x 10 mm	7.00	7.00	9.00	11.00

Oval	Cubic Zirconia	Synthetic Spinel	Synthetic Sapphire	Synthetic Spinel Triplet
5 x 3 mm	1.00	1.50	1.50	3.00
6 x 4 mm	1.25	2.00	2.00	4.00
7 x 5 mm	1.50	2.00	2.00	5.00
8 x 6 mm	2.00	3.00	3.00	6.00
9 x 7 mm	2.50	3.50	4.00	7.50
10 x 8 mm	3.00	4.00	5.00	8.50
12 x 10 mm	4.00	5.00	6.00	10.50
14 x 10 mm	6.00	7.00	8.00	12.00
14 x 12 mm	7.00	8.00	9.00	13.00
16 x 12 mm	8.00	9.00	10.00	15.00

LABORATORY GROWN

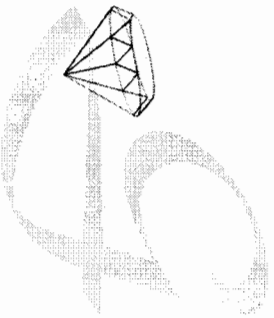


Common Synthetics (continued)

These stones have been manufactured in the least expensive way and are not supported by name-brand advertising. The flame fusion process is mostly used. Prices are per stone.

Emerald	Cubic Zirconia	Synthetic Spinel	Synthetic Sapphire	Synthetic Spinel Triplet
7 x 5 mm	2.00	2.50	2.50	5.50
8 x 6 mm	3.00	3.50	3.50	6.50
9 x 7 mm	4.00	4.00	4.50	8.00
10 x 8 mm	5.00	4.50	5.50	9.00
12 x 10 mm	7.00	5.00	6.50	11.00
14 x 10 mm	10.00	7.00	8.50	12.00
14 x 12 mm	11.00	8.00	9.50	13.00
16 x 12 mm	12.00	10.00	11.00	15.00

Round	Cubic Zirconia	Synthetic Spinel	Synthetic Sapphire	Synthetic Spinel Triplet
2 mm	.35	.50	.75	1.00
3 mm	.50	.75	1.00	2.00
4 mm	.75	1.00	2.00	3.00
5 mm	1.00	1.50	2.50	4.50
6 mm	1.25	2.00	3.00	6.00
7 mm	1.50	2.50	3.50	7.00
8 mm	2.00	3.00	4.00	8.00
9 mm	2.50	3.50	4.50	9.00
10 mm	3.50	4.00	5.00	10.00



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