

Treatments in Common Gemstones

Gemstone	Heat	Radiation	Fracture Filling	Dye/Bleach	Coating	Polymer Stabilization	Other
Agate				Common			
Alexandrite			Rare				
Amber	Common		Uncommon	Common	Uncommon		Reconstitution common.
Amethyst	Common			Rare			
Ametrine	Uncommon			Common			
Aquamarine	Common						
Cat's Eye (Chrysoberyl)			Rare	Rare			
Chalcedony	Uncommon			Common	Uncommon		
Chrome Diopside							None known.
Citrine	Common			Uncommon			
Diamond		Rare	Rare		Rare		Rare HPHT, laser drilling
Emerald			Common				
Garnet	Common (demantoid)						No known treatments for most types.
Jade				Common		Common	
Jasper				Common			
Labradorite							None known.
Lapis Lazuli				Common	Uncommon	Uncommon	
Malachite					Common		
Moonstone					Uncommon		
Morganite	Common						
Onyx				Common			
Opal				Matrix/hydrophane	Matrix/hydrophane	Matrix/hydrophane	Assembled gems common. Smoke (hydrophane).
Pearl	Uncommon	Uncommon		Common	Rare	Rare	Maeshori common.
Peridot			Rare				
Quartz varieties	Common	Common		Uncommon			No known treatments for rose quartz
Ruby	Common		Uncommon				
Sapphire	Common	Uncommon	Uncommon				Beryllium or cobalt diffusion
Spinel	Rare		Rare				
Sunstone							None known.
Tanzanite	Common		Uncommon				
Tiger's Eye	Common			Common			
Topaz	Common	Common			Common		
Tourmaline	Common	Common	Uncommon (paraíba)				
Turquoise				Common	Common	Common	Reconstitution common. Zachery treatment
Zircon	Common						