

PRESENTS
ALL ABOUT TOURMALINE
WEDNESDAY,
October 20th, 2021



History

- Tourmaline is from the Singhalese word *turamali*, meaning “mixed-colored stones”
- The stone was first discovered by Dutch traders off the West Coast of Italy in the late 1600's or early 1700's. At the time, these green tourmalines were assumed to be emeralds. It wasn't until the 1800's when scientists realized that these stones were their own species of mineral
- One of the earliest reports of tourmaline in California was in 1892. In the late 1800's, tourmaline became known as an American gem through the efforts of Tiffany gemologist George F. Kunz

Facts About Tourmalines

- Earth's most colorful mineral and gemstone
- Tourmaline has one of the widest color ranges of any gem species, occurring in various shades of virtually every hue
- The biggest challenge for a collector is to collect tourmalines of one single color
- Most commonly occurs as an accessory mineral in igneous and metamorphic rocks
- One rich pocket of nice tourmaline crystals can offer a yield worth millions of dollars
- Mohs Hardness: 7 to 7.5
- Treatments: May have heat or irradiation or no treatment
- Tourmaline is a birthstone for October



Rough structure

- Crystal structure – Trigonal (hexagonal)
- Tourmaline crystals often have many fractures and inclusions, but these crystals exhibit wonderful clarity and very rich color. They also show the striations along the long axis of the crystals that are characteristic of tourmaline
- It ranks 7 to 7.5 on the Mohs scale of hardness





Colors

- Tourmaline occurs in more colors than other gem
- Some colors have specific variety names including Rubellite and Paraiba
- The pleochroism in Tourmaline enhances the beauty, when it is seen from the different directions it reflects different colors

Rubellite



- Rubellite, also known as the red tourmaline, is a transparent gemstone from the colorful family of tourmaline
- Rubellite derived from the Latin term, “Rubellus” It means reddish
- It under goes heat treatment to enhance the color of stone
- One of the rarest variety of Tourmaline and enjoys very high perceived value due to its resemblance with high quality Ruby
- Trace amounts of Manganese creates the Rubellite color



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Paraiba Tourmaline

- Paraiba Tourmaline does not have a very long history. In 1989, miners discovered a unique and glowing colored tourmaline in the state of Paraiba, Brazil and after this, it is named Paraiba tourmaline
- It under goes heat treatment to enhance the color of stone
- Trace amounts of Copper creates the Paraiba color



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Tourmaline Favorites on Shop LC*



3847744 - Morro Redondo Pink Tourmaline and Zircon Ring in Vermeil Rose Gold Over Sterling Silver (Size 7.0) 1.70 ctw



3710501 - RHAPSODY 1.70 ctw AAAA Paraiba Tourmaline and Diamond E-F VS Ring in 950 Platinum (Size 8.0) 6 Grams



3753748 - Multi-Tourmaline 11-13mm Beaded Necklace 18 Inches in Rhodium Over Sterling Silver 411.00 ctw



3565983 - 1.90 ctw Australian Black Tourmaline Earrings and Pendant Necklace 20 Inches in Sterling Silver and Stainless



3747413 - LUXORO Premium Green Tourmaline and Diamond Ring in 10K White Gold (Size 7.0) 2.60 Grams 2.50 ctw



3850077 - Morro Redondo Pink Tourmaline, Zircon Dangle Earrings in Vermeil RG Over Sterling Silver 3.50 ctw



6183881 - Morro Redondo Pink Tourmaline (Mrq 7x3.5 mm) 0.38 ctw



2457379 - IGI Certified Natural Canary Tourmaline Faceted (Pear 4A 18.39x7.66) 4.29 ctw

*Items may not be available

Thank you