

RUBY

The two main providers of rubies in the world are Mozambique and Myanmar (specifically its Mogok and Mong Hsu mines). The historical producer of rubies is Mogok in Myanmar, which has been producing them longer than any other known ruby mines, including the neighboring Mong Hsu mine.

- Mineral group - Corundum
- HARDNESS – 9
- CHEMICAL COMPOSITION - Al_2O_3 (Aluminum Oxide) + Red (caused by chromium)

Rubies are red gemstones that have been admired for centuries. Their beauty depends mostly on the strength of their red color and how transparent they are.

- **High Quality:** Bright, vivid red (known as “pigeon blood”), very clear, and usually untreated. These are the rarest type of rubies and cost **\$10,000–\$50,000 per carat**.
- **Medium Quality:** Still red but may look slightly too dark or light, and may contain visible cracks. Most of these rubies are heat-treated to improve their appearance. Prices range from **\$800–\$5,000 per carat**.
- **Low Quality:** Dull red, very cloudy, or even opaque with many cracks inside. They don’t shine as much and are much cheaper, usually **\$200–\$700 per carat**.