

Common Mineral Identification Chart

Supplement

Mineral Name	Color	Hardness	Streak	Specific Gravity	Crystal System
Apatite	Green or Brown	5-5.5	None	3.15-3.2	Hexagonal
Azurite	Azure Blue	3.5-4	None	3.77	Monoclinic
Barite	Various	3-3.5	None	4.5	Orthorhombic
Bauxite	Various	1-3	None	2-3	Various
Beryl	Various	7.5-8	None	2.65-2.8	Hexagonal
Biotite (a Mica)	Black or Brown	2.5-3	None	2.8-3.2	Monoclinic
Borax	Clear or White	2-2.5	None	1.7	Monoclinic
Calcite	Clear or White	2.5-3	None	2.72	Hexagonal
Chalcocite	Gray to Black	2.5-3	Gray-black	5.5-5.8	Orthorhombic
Chalcopyrite	Brass-yellow	3.5-4	Green-black	4.1-4.3	Tetragonal
Cinnabar	Red to Brown	2.5	Scarlet	8.1	Hexagonal
Copper	Copper red	2.5-3	None	8.9	Isometric
Corundum	Various	9	None	4.02	Hexagonal
Cuprite	Red	3.5-4	Red-brown	6.1	Isometric
Diamond (a form of Carbon)	Clear	10	None	3.5	Isometric
Dolomite	Pink	3.5-4	None	2.85	Hexagonal
Fluorite	Various	4	None	3.18	Isometric
Galena	Lead-gray	2.5	Lead-gray	7.4-7.6	Isometric
Garnet	Various, red	6.5-7.5	White	3.5-4.3	Isometric
Gold	Yellow	2.5-3	None	15-19.3	Isometric
Graphite (a form of Carbon)	Black	1-2	Black	2.3	Hexagonal
Gypsum	White or Clear	2	None	2.32	Monoclinic
Halite	Clear or White	2.5	None	2.16	Isometric
Hematite	Brown to Black	5.5-6.5	Red	5.26	Hexagonal
Hornblende	Black	5-6	None	3.2	Monoclinic
Magnetite	Iron-black	6	Black	5.18	Isometric
Malachite	Bright Green	3.5-4	Light Green	3.9-4.03	Monoclinic
Microcline (a Feldspar)	White to Yellow	6	None	2.54-2.57	Triclinic
Muscovite (a Mica)	Clear	2-2.5	None	2.76-3.1	Monoclinic
Olivine	Olive Green	6.5-7	None	3.27-3.37	Orthorhombic
Orthoclase (a Feldspar)	White or Gray	6	White	2.57	Monoclinic
Pyrite	Brass-yellow	6-6.5	Green-Black	5.02	Isometric
Quartz	Various	7	None	2.65	Hexagonal
Silver	Silver-white	2.5-3	Silver-White	10.5	Isometric
Soda Niter	White	2	None	2.29	Hexagonal
Sulfur	Yellow	1.5-2.5	None	2.05-2.09	Orthorhombic
Talc	Various	1	None	2.7-2.8	Monoclinic
Topaz	Various	8	None	3.4-3.6	Orthorhombic
Tourmaline	Various	7-7.5	None	3-3.25	Hexagonal
Turquoise	Blue-green	6	None	2.6-2.8	Triclinic