
































































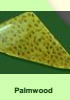









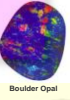

















# Periodic Table of Gemstones

1H  Hyacinth, Jacinth	3Li  Leifite <chem>Li2SiO3</chem>	11Na  Tanzanite (a Zoisite)	19K  Konziite	37Rb  Rubellite	55Cs  Chrysoprase	87Fr  Frappite <chem>(Na,Ca)4Al5Si3O8</chem>	118Uuo  Gemstone Image  Gemstone (Composition)	84Po  Pyrope <chem>Mg3Al2(SiO4)3</chem>	85At  Amethyst <chem>SiO2 (Fe/Co)</chem>	86Rn  Chrome Tourmaline <chem>(Mg,Ca,Fe,Al)3B3Si3O11</chem>																																																																						
4Be  Berrandite <chem>Be2SiO7(OH)2</chem>	12Mg  Magnesite <chem>MgCO3</chem>	20Ca  Carnelian <chem>SiO2 (Fe2O3)</chem>	28Ni  Tanzanite	36Kr  Koroll Nut Opal	54Xe  Alexandrite <chem>BaAl2O4</chem>	88Ra  Variscite	5B  Bloodstone <chem>SiO2</chem>	6C  Diamond	7N  Azurite <chem>Cu3(CO3)2(OH)2</chem>	8O  Onyx	9F  Fluorite <chem>CaF2</chem>	10Ne  Nephrite Jade <chem>Ca2(Mg,Fe)5Si8O22(OH)2</chem>	13Al  Almandine <chem>Fe3Al2(SiO4)3</chem>	14Si  Sillimanite	15P  Larimar (Pectolite)	16S  Sapphire <chem>Al2O3</chem>	17Cl  Chalcodony <chem>microcrystalline SiO2</chem>	18Ar  Quartz <chem>SiO2</chem>	21Sc  Spessartite <chem>Mg3Al2(SiO4)3</chem>	22Ti  Tzavortite	23V  Aventurine <chem>plagioclase feldspar and quartz</chem>	24Cr  Charoite <chem>K(Ca,Na)2Si4O16(OH,F)</chem>	25Mn  Moonstone <chem>(K,Na)AlSi3O6</chem>	26Fe  Hematite <chem>Fe2O3</chem>	27Co  Coral <chem>CaCO3</chem>	28Ni  Tanzanite	29Cu  Malachite <chem>Cu2CO3(OH)2</chem>	30Zn  Amazonite <chem>KAlSi3O8</chem>	31Ga  Garnet <chem>(Mg,Fe,Ca)3Al2Si3O12</chem>	32Ge  Goldstone	33As  Jasper <chem>SiO2</chem>	34Se  Sphene	35Br  Carnelian <chem>SiO2 (Fe2O3)</chem>	36Kr  Koroll Nut Opal	39Y  Kyanite	40Zr  Zircon <chem>ZrSiO4</chem>	41Nb  Quantum Quattro™	42Mo  Ammolite	43Tc  Scapolite	44Ru  Rutil <chem>(Al,Sn)O3</chem>	45Rh  Rhodochrosite <chem>MnCO3</chem>	46Pd  Peridot <chem>Mg2FeSiO4</chem>	47Ag  Agate <chem>SiO2</chem>	48Cd  Indicolite <chem>NbAl3Si3O15</chem>	49In  Chinese Writing Stone	50Sn  Spinel	52Sb  Chrysoberyl <chem>BeAl2O4</chem>	52Te  Tiger's Eye <chem>Na3Mg3Fe3Si3O22(OH)3</chem>	53I  Iolite <chem>MgAl2SiO5</chem>	54Xe  Alexandrite <chem>BaAl2O4</chem>	57La  Lapis Lazuli <chem>Na(Ca,Al)3Si3O12S</chem>	58Ce  Citrine <chem>SiO2 (Fe)</chem>	59Pr  Pearl <chem>CaCO3</chem>	60Nd  Demantoid	61Pm  Palmwood	62Sm  Picasso Marble	63Eu  Uvaovite <chem>Ca2Co(SiO4)3</chem>	64Gd  Verdelite	65Tb  Tory <chem>CaCO3</chem>	66Dy  Andradite <chem>Ca3Fe2(SiO4)3</chem>	67Ho  Heliobore <chem>SiO2</chem>	68Er  Emerald <chem>Al2SiO5 (FeO)</chem>	69Tm  Ametrine	70Yb  Yb	71Lu  Boulder Opal	89Ac  Aquamarine <chem>Be3Al2(SiO3)6</chem>	90Th  Oreoglas	91Pa  Opal <chem>SiO2 + H2O</chem>	92U  Turquoise <chem>(Cu,Al)2(P,OH)6(Si,Al)6H2O</chem>	93Np  Nepheline	94Pu  Peruvian Blue Opal	95Am  Amber	96Cm  Cat's Eye Tourmaline	97Bk  Shohri (Black Tourmaline)	98Cf  Fluorance	99Es  Enstatite <chem>SiO2</chem>	100Fm  Fm	101Md  Kona Dolomite <chem>CaMgCO3</chem>	102No  Pellonite	103Lr  Labradorite