Name : Silver

Symbol : Ag

Atomic number (Z) : 47

Atomic mass : 107.8682

Group : 11

Period : 5

block : d

Color : Silver

Phase :solid

Oxidation states : -2, -1, 1, 2, 3, 4

Electronegativity : Pauling scale: 1.93

Melting point : 1234.93 K (961.78 °C, 1763.2 °F)

Boiling point : 2435 K (2162 °C, 3924 °F)

Density at stp : 10.49 g/cm3

Triple point :

Critical point :

Heat of fusion : 11.28 kJ/mol

Heat of vaporization : 254 kJ/mol

Molar heat capacity : 25.350 J/(mol•K)

Ionization energies : 1st: 731.0 kJ/mol

Covalent radius : 145±5 pm

Van der Waals radius : 172 pm

Speed of sound : 2680 m/s (at r.t.)

Crystal structure : face-centered cubic (fcc)

Magnetic ordering : diamagnetic

Discovery : before 5000 BC

Named by :