Name : Helium

Symbol : He

Atomic number (Z) : 2

Atomic mass : 4.0026

Group : 18

Period : 1

block : s

Color : Colorless

Phase : Gas

Oxidation states : 0

Electronegativity : Pauling scale: no data

Melting point : 0.95 K (-272.20 °C, -457.96 °F)

Boiling point : 4.222 K (-268.928 °C, -452.070 °F)

Density at stp : 0.1786 g/L

Triple point : 2.177 K, 5.043 kPa

Critical point : 5.1953 K, 0.22746 MPa

Heat of fusion : 0.0138 kJ/mol

Heat of vaporization : 0.0829 kJ/mol

Molar heat capacity : 20.78[2] J/(mol•K)

Ionization energies : 1st: 2372.3 kJ/mol

Covalent radius : 28 pm

Van der Waals radius : 140 pm

Speed of sound : 972 m/s

Crystal structure : hexagonal close-packed (hcp)

Magnetic ordering : diamagnetic

Discovery : Pierre Janssen, Norman Lockyer (1868)

Named by: after Helios, Greek god of the Sun