Name:Xenon

Symbol:Xe

Atomic number(Z):54

Atomic mass:140 pm

Group:18

Period:5

block:p

Color:blue

Phase:gas

Oxidation states:0,+1,+2,+4,+6,+8

Electronegative:pauling scale:2.6

Melting point:161.40k

Boiling point:165.04k

Density at stp:5.894g/cm

Triple point:161.405 k

Critical point:208.733 k

Heat of fusion:2.27 kj/mol

Heat of vaporization:12.64 kj/mol

Molar heat capacity:27.00 j/(mol.k)

Ionization energies:1st:1090kj/mol

Covalant radius:137+2 pm

Van der waals radius:198pm

Speed of sound:2200m/s

Cristal structure:face-centered cubic

Magnetic ordering:diamagnetic

Discovery:1898

Named:William Ramsay