

# Periodic Table of Elements

at 25°C, 1atm (101.3 kPa)

1  
H  
Hydrogen  
1.008

← Atomic Number  
← Atomic Symbol  
← Name  
← Atomic Mass

Solid: Li  
Liquid: Hg  
Gas: N  
Synthetic: Tc

Main Group Metals  
Transition Metals  
Inner-Transition Metals

Metalloids  
Nonmetals

1 IA 1 H Hydrogen 1.008	2 IIA 4 Be Beryllium 9.012											13 IIIA 5 B Boron 10.811	14 IVA 6 C Carbon 12.011	15 VA 7 N Nitrogen 14.007	16 VIA 8 O Oxygen 15.999	17 VIIA 9 F Fluorine 18.998	18 VIIIA 2 He Helium 4.003	
3 Li Lithium 6.941	4 Be Beryllium 9.012											13 Al Aluminum 26.982	14 Si Silicon 28.086	15 P Phosphorus 30.974	16 S Sulfur 32.066	17 Cl Chlorine 35.453	18 Ar Argon 39.948	
11 Na Sodium 22.990	12 Mg Magnesium 24.305	3 IIIB 21 Sc Scandium 44.956	4 IVB 22 Ti Titanium 47.867	5 VB 23 V Vanadium 50.942	6 VIB 24 Cr Chromium 51.996	7 VIIB 25 Mn Manganese 54.938	8 VIII 26 Fe Iron 55.845	9 VIII 27 Co Cobalt 58.933	10 VIII 28 Ni Nickel 58.693	11 IB 29 Cu Copper 63.546	12 IIB 30 Zn Zinc 65.390	13 Ga Gallium 69.723	14 Ge Germanium 72.590	15 As Arsenic 74.922	16 Se Selenium 78.960	17 Br Bromine 79.904	18 Kr Krypton 83.800	
37 Rb Rubidium 85.468	38 Sr Strontium 87.620	39 Y Yttrium 88.906	40 Zr Zirconium 91.224	41 Nb Niobium 92.906	42 Mo Molybdenum 95.940	43 Tc Technetium (98.906)	44 Ru Ruthenium 101.070	45 Rh Rhodium 102.906	46 Pd Palladium 106.420	47 Ag Silver 107.868	48 Cd Cadmium 112.411	49 In Indium 114.818	50 Sn Tin 118.710	51 Sb Antimony 121.760	52 Te Tellurium 127.600	53 I Iodine 126.904	54 Xe Xenon 131.290	
55 Cs Cesium 132.905	56 Ba Barium 137.327	57 La Lanthanum 138.906	58-71 * Lanthanides	72 Hf Hafnium 178.490	73 Ta Tantalum 180.948	74 W Tungsten 183.840	75 Re Rhenium 186.207	76 Os Osmium 190.230	77 Ir Iridium 192.217	78 Pt Platinum 195.078	79 Au Gold 196.967	80 Hg Mercury 200.590	81 Tl Thallium 204.383	82 Pb Lead 207.200	83 Bi Bismuth 208.980	84 Po Polonium 208.982	85 At Astatine 209.987	86 Rn Radon (222.018)
87 Fr Francium (223.020)	88 Ra Radium (226.025)	89 Ac Actinium (227.028)	90-108 ** Actinides	104 Rf Rutherfordium (261.109)	105 Db Dubnium (262.114)	106 Sg Seaborgium (263.119)	107 Bh Bohrium (264.12)	108 Hs Hassium (265.13)	109 Mt Meitnerium (268)	110 Ds Darmstadtium (271)	111 Rg Roentgenium (272)	112 Uub Ununbium (285)	113 Uut Ununtrium (284)	114 Uuq Ununquadium (289)	115 Uup Ununpentium (288)	116 Uuh Ununhexium (292)		

Lanthanides * Lanthanoids	58 Ce Cerium 140.116	59 Pr Praseodymium 140.908	60 Nd Neodymium 144.240	61 Pm Promethium (144.913)	62 Sm Samarium 150.360	63 Eu Europium 151.964	64 Gd Gadolinium 157.250	65 Tb Terbium 158.925	66 Dy Dysprosium 162.500	67 Ho Holmium 164.930	68 Er Erbium 167.260	69 Tm Thulium 168.934	70 Yb Ytterbium 173.040	71 Lu Lutetium 174.967
Actinides ** Actinoids	90 Th Thorium 232.038	91 Pa Protactinium 231.036	92 U Uranium 238.029	93 Np Neptunium 237.048	94 Pu Plutonium (244.064)	95 Am Americium (243.061)	96 Cm Curium (247.070)	97 Bk Berkelium (247.070)	98 Cf Californium (251.080)	99 Es Einsteinium (252.083)	100 Fm Fermium (257.095)	101 Md Mendelevium (258.098)	102 No Nobelium (259.101)	103 Lr Lawrencium (262.110)