

Periodic Chart of the Elements

← IA										VIII A →													
Atomic number →										← Atomic Symbol													
Electronegativity →										← Ion charge													
Molar mass (g/mol)										← Name													
										Legend <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">SOLID</div> <div style="border: 1px solid black; padding: 2px;">LIQUID</div> <div style="border: 1px solid black; padding: 2px;">GAS</div> </div>													
1 2.1 1+ H hydrogen 1.01																		2 -- He helium 4.00					
3 1.0 1+ Li lithium 6.94	4 1.5 2+ Be beryllium 9.01																						
11 0.9 1+ Na sodium 22.99	12 1.2 2+ Mg magnesium 24.31																						
		IIIB		IVB		VB		VIB		VIIB		VIIIB		IB		IIB		5 2.0 3+ B boron 10.81	6 2.5 4+ C carbon 12.01	7 3.0 3- N nitrogen 14.01	8 3.5 2- O oxygen 16.00	9 4.0 1- F fluorine 19.00	10 -- Ne neon 20.18
19 0.8 1+ K potassium 39.10	20 1.0 2+ Ca calcium 40.08	21 1.3 3+ Sc scandium 44.96	22 1.5 4+ Ti titanium 47.90	23 1.6 5+ V vanadium 50.94	24 1.6 3+ Cr chromium 52.00	25 1.5 2+ Mn manganese 54.94	26 1.8 2+ Fe iron 55.85	27 1.8 3+ Co cobalt 58.93	28 1.8 2+ Ni nickel 58.71	29 1.9 2+ Cu copper 63.55	30 1.6 2+ Zn zinc 65.38	31 1.6 3+ Ga gallium 69.74	32 1.8 4+ Ge germanium 72.59	33 2.0 3- As arsenic 74.92	34 2.4 2- Se selenium 78.96	35 2.8 1- Br bromine 79.90	36 -- Kr krypton 83.80						
37 0.8 1+ Rb rubidium 85.47	38 1.0 2+ Sr strontium 87.62	39 1.3 3+ Y yttrium 88.91	40 1.4 4+ Zr zirconium 91.22	41 1.6 5+ Nb niobium 92.91	42 1.8 6+ Mo molybdenum 95.94	43 1.9 7+ Tc technetium 98.91	44 2.2 3+ Ru ruthenium 101.07	45 2.2 3+ Rh rhodium 102.91	46 2.2 2+ Pd palladium 106.40	47 1.9 1+ Ag silver 107.87	48 1.7 2+ Cd cadmium 112.41	49 1.7 3+ In indium 114.82	50 1.8 4+ Sn tin 118.69	51 1.9 3+ Sb antimony 121.75	52 2.1 2- Te tellurium 127.60	53 2.5 1- I iodine 126.90	54 -- Xe xenon 131.30						
55 0.7 1+ Cs cesium 132.91	56 0.9 2+ Ba barium 137.33	57-71 lanthanoids		72 1.3 4+ Hf hafnium 178.49	73 1.5 5+ Ta tantalum 180.95	74 1.7 6+ W tungsten 183.85	75 1.9 7+ Re rhenium 186.21	76 2.2 4+ Os osmium 190.20	77 2.2 4+ Ir iridium 192.22	78 2.2 2+ Pt platinum 195.09	79 2.4 3+ Au gold 196.97	80 1.9 2+ Hg mercury 200.59	81 1.8 3+ Tl thallium 204.37	82 1.8 2+ Pb lead 207.19	83 1.9 3+ Bi bismuth 208.98	84 2.0 2+ Po polonium (209)	85 2.2 1- At astatine (210)	86 -- Rn radon (222)					
87 0.7 1+ Fr francium (223)	88 0.9 2+ Ra radium 226.03	89-103 actinoids		104 - Unq unnilquadium (261)	105 - Unp unnilpentium (262)	106 - Unh unnilhexium (263)	107 - Uns unnilseptium (262)	108 - Uno unniloctium (265)	109 - Une unnillemium (266)														

57 1.1 3+ La lanthanum 138.91	58 1.1 3+ Ce cerium 140.12	59 1.1 3+ Pr praseodymium 140.91	60 1.2 3+ Nd neodymium 144.24	61 - 3+ Pm promethium (145)	62 1.2 3+ Sm samarium 150.35	63 - 3+ Eu europium 151.96	64 1.1 3+ Gd gadolinium 157.25	65 1.2 3+ Tb terbium 158.93	66 - 3+ Dy dysprosium 162.50	67 1.2 3+ Ho holmium 164.93	68 1.2 3+ Er erbium 167.26	69 1.2 3+ Tm thulium 168.93	70 1.1 3+ Yb ytterbium 173.04	71 1.2 3+ Lu lutetium 174.97
89 1.1 3+ Ac actinium (227)	90 1.3 4+ Th thorium 232.04	91 1.5 5+ Pa protactinium 231.04	92 1.7 6+ U uranium 238.03	93 1.3 5+ Np neptunium 237.05	94 1.3 4+ Pu plutonium (244)	95 1.3 3+ Am americium (243)	96 - 3+ Cm curium (247)	97 - 3+ Bk berkelium (247)	98 - 3+ Cf californium (251)	99 - 3+ Es einsteinium (254)	100 - 3+ Fm fermium (257)	101 - 2+ Md mendelevium (258)	102 - 2+ No nobelium (259)	103 - 3+ Lr lawrencium (260)