

Periodic table of the elements

		s										d										p					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18								
		I A	II A	III B	IV B	V B	VI B	VII B	VIII	VIII	VIII	I B	II B	III A	IV A	V A	VI A	VII A	VIII A								
1	H 1 Hydrogen 1.00794	Symbol color (30 °C): Solid Liquid Gas Synthetic																He 2 Helium 4.002602									
2	Li 3 Lithium 6.939	Be 4 Beryllium 9.0121822	Background color: Metals Non-metals Metalloids Transition metals Lanthanides Actinides Noble gases																B 5 Boron 10.811	C 6 Carbon 12.01115	N 7 Nitrogen 14.00674	O 8 Oxygen 15.9994	F 9 Fluorine 18.99840322	Ne 10 Neon 20.1797			
3	Na 11 Sodium 22.98976928	Mg 12 Magnesium 24.305	Average atomic mass (u)																Al 13 Aluminium 26.9815384	Si 14 Silicon 28.0855	P 15 Phosphorus 30.97376163	S 16 Sulfur 32.066	Cl 17 Chlorine 35.4527	Ar 18 Argon 39.948			
4	K 19 Potassium 39.0983	Ca 20 Calcium 40.078	Sc 21 Scandium 44.9559119	Ti 22 Titanium 47.867	V 23 Vanadium 50.9415	Cr 24 Chromium 51.9961	Mn 25 Manganese 54.9380496	Fe 26 Iron 55.8457	Co 27 Cobalt 58.9331950	Ni 28 Nickel 58.6934	Cu 29 Copper 63.546	Zn 30 Zinc 65.39	Ga 31 Gallium 69.723	Ge 32 Germanium 72.61	As 33 Arsenic 74.9215965	Se 34 Selenium 78.96	Br 35 Bromine 79.904	Kr 36 Krypton 83.80									
5	Rb 37 Rubidium 85.4679	Sr 38 Strontium 87.62	Y 39 Yttrium 88.9058483	Zr 40 Zirconium 91.224	Nb 41 Niobium 92.9063781	Mo 42 Molybdenum 95.94	Tc 43 Technetium 97.907216	Ru 44 Ruthenium 101.07	Rh 45 Rhodium 102.905504	Pd 46 Palladium 106.42	Ag 47 Silver 107.8682	Cd 48 Cadmium 112.411	In 49 Indium 114.818	Sn 50 Tin 118.71	Sb 51 Antimony 121.757	Te 52 Tellurium 127.60	I 53 Iodine 126.904473	Xe 54 Xenon 131.29									
6	Cs 55 Cesium 132.9054519	Ba 56 Barium 137.327	**	Hf 72 Hafnium 178.49	Ta 73 Tantalum 180.9479	W 74 Tungsten 183.84	Re 75 Rhenium 186.207	Os 76 Osmium 190.23	Ir 77 Iridium 192.217	Pt 78 Platinum 195.078	Au 79 Gold 196.9665687	Hg 80 Mercury 200.59	Tl 81 Thallium 204.3833	Pb 82 Lead 207.19	Bi 83 Bismuth 208.9803987	Po 84 Polonium (209)	At 85 Astatine (210)	Rn 86 Radon (222)									
7	Fr 87 Francium (223)	Ra 88 Radium (226)	**	Rf 104 Rutherfordium (261)	Db 105 Dubnium (268)	Sg 106 Seaborgium (271)	Bh 107 Bohrium (274)	Hs 108 Hassium (269)	Mt 109 Meitnerium (278)	Ds 110 Darmstadtium (281)	Rg 111 Roentgenium (281)	Cn 112 Copernicium (285)	Uut 113 Ununtrium (286)	Fl 114 Flerovium (289)	Uup 115 Ununpentium (288)	Lv 116 Livermorium (293)	Uus 117 Ununseptium (294)	Uuo 118 Ununoctium (294)									

		f														
* Lanthanides	6	La 57 Lanthanum 138.9055	Ce 58 Cerium 140.115	Pr 59 Praseodymium 140.9076528	Nd 60 Neodymium 144.24	Pm 61 Promethium (145)	Sm 62 Samarium 150.36	Eu 63 Europium 151.965	Gd 64 Gadolinium 157.25	Tb 65 Terbium 158.925368	Dy 66 Dysprosium 162.5	Ho 67 Holmium 164.9303221	Er 68 Erbium 167.26	Tm 69 Thulium 168.9342133	Yb 70 Ytterbium 173.04	Lu 71 Lutetium 174.967
** Actinides	7	Ac 89 Actinium (227)	Th 90 Thorium 232.03805	Pa 91 Protactinium (231)	U 92 Uranium 238.0289	Np 93 Neptunium (237)	Pu 94 Plutonium (244)	Am 95 Americium (243)	Cm 96 Curium (247)	Bk 97 Berkelium (247)	Cf 98 Californium (251)	Es 99 Einsteinium (252)	Fm 100 Fermium (257)	Md 101 Mendelevium (258)	No 102 Nobelium (251)	Lr 103 Lawrencium (262)