

The Periodic Table of Elements

1	2	3	4	5	6	7	0	
7 Li lithium 3	9 Be beryllium 4	11 Na sodium 11	12 C carbon 6	13 Al aluminium 13	14 N nitrogen 7	15 O oxygen 8	16 F fluorine 9	17 Ne neon 10
19 K potassium 19	20 Ca calcium 20	23 Sc scandium 21	24 Ti titanium 22	25 V vanadium 23	26 Cr chromium 24	27 Mn manganese 25	28 Fe iron 26	29 Co cobalt 27
37 Rb rubidium 37	38 Sr strontium 38	39 Y yttrium 39	40 Zr zirconium 40	41 Nb niobium 41	42 Mo molybdenum 42	43 Tc technetium 43	44 Ru ruthenium 44	45 Rh rhodium 45
55 Cs caesium 55	56 Ba barium 56	57 La* lanthanum 57	72 Hf hafnium 72	73 Ta tantalum 73	74 W tungsten 74	75 Re rhenium 75	76 Os osmium 76	77 Ir iridium 77
[223] Fr francium 87	[226] Ra radium 88	[227] Ac* actinium 89	104 Rf rutherfordium 104	105 Db dubnium 105	106 Sg seaborgium 106	107 Bh bohrium 107	108 Hs hassium 108	109 Mt meitnerium 109
85 Rb rubidium 37	88 Sr strontium 38	89 Y yttrium 39	91 Zr zirconium 40	93 Nb niobium 41	96 Mo molybdenum 42	[97] Tc technetium 43	101 Ru ruthenium 44	103 Rh rhodium 45
133 Cs caesium 55	137 Ba barium 56	139 La* lanthanum 57	178 Hf hafnium 72	181 Ta tantalum 73	184 W tungsten 74	186 Re rhenium 75	190 Os osmium 76	192 Ir iridium 77
131 Xe xenon 54	127 I iodine 53	122 Sb antimony 51	119 Sn tin 50	115 In indium 49	112 Cd cadmium 48	108 Ag silver 47	106 Pd palladium 46	106 Pd palladium 46
[222] Rn radon 86	[210] At astatine 85	209 Bi bismuth 83	207 Pb lead 82	204 Tl thallium 81	201 Hg mercury 80	197 Au gold 79	195 Pt platinum 78	195 Pt platinum 78
[294] Og oganesson 118	[293] Ts tennessine 117	[289] Mc moscovium 115	[289] Fl flerovium 114	[286] Nh nihonium 113	[285] Cn copernicium 112	[281] Rg roentgenium 111	[281] Ds darmstadtium 110	[281] Ds darmstadtium 110
84 Kr krypton 36	80 Br bromine 35	75 As arsenic 33	73 Ge germanium 32	70 Ga gallium 31	65 Zn zinc 30	63.5 Cu copper 29	59 Ni nickel 28	59 Co cobalt 27
40 Ar argon 18	35.5 Cl chlorine 17	31 P phosphorus 15	28 Si silicon 14	27 Al aluminium 13	27 Al aluminium 13	25 Mn manganese 25	26 Fe iron 26	27 Co cobalt 27
20 Ne neon 10	19 F fluorine 9	16 O oxygen 8	14 N nitrogen 7	12 C carbon 6	12 C carbon 6	12 C carbon 6	12 C carbon 6	12 C carbon 6
4 He helium 2								

1 H hydrogen 1

Key

relative atomic mass
atomic symbol
name
atomic (proton) number

* The Lanthanides (atomic numbers 58 – 71) and the Actinides (atomic numbers 90 – 103) have been omitted. Relative atomic masses for **Cu** and **Cl** have not been rounded to the nearest whole number.