



The Periodic Table of Elements

1	2	3	4	5	6	7	0
7 Li lithium 3	9 Be beryllium 4	11 B boron 5	12 C carbon 6	14 N nitrogen 7	16 O oxygen 8	19 F fluorine 9	20 Ne neon 10
23 Na sodium 11	24 Mg magnesium 12	27 Al aluminium 13	28 Si silicon 14	31 P phosphorus 15	32 S sulfur 16	35.5 Cl chlorine 17	40 Ar argon 18
39 K potassium 19	40 Ca calcium 20	45 Sc scandium 21	48 Ti titanium 22	51 V vanadium 23	52 Cr chromium 24	55 Mn manganese 25	56 Fe iron 26
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
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
[223] Fr francium 87	[226] Ra radium 88	[227] Ac* actinium 89	[267] Rf rutherfordium 104	[270] Db dubnium 105	[269] Sg seaborgium 106	[270] Bh bohrium 107	[270] Hs hassium 108
115 Pb lead 82	114 Fl flerovium 114	115 Mc moscovium 115	119 Sn tin 50	204 Tl thallium 81	207 Pb lead 82	209 Bi bismuth 83	210 At astatine 85
131 Xe xenon 54	127 I iodine 53	128 Te tellurium 52	122 Sb antimony 51	122 In indium 49	112 Cd cadmium 48	115 Sn tin 50	119 Pb lead 82
136 Kr krypton 36	80 Br bromine 35	79 Se selenium 34	75 As arsenic 33	73 Ge germanium 32	65 Zn zinc 30	63.5 Cu copper 29	59 Ni nickel 28
131 Xe xenon 54	127 I iodine 53	128 Te tellurium 52	122 Sb antimony 51	115 In indium 49	112 Cd cadmium 48	108 Ag silver 47	106 Pd palladium 46
[222] Rn radon 86	[210] At astatine 85	[209] Po polonium 84	209 Bi bismuth 83	204 Tl thallium 81	201 Hg mercury 80	197 Au gold 79	195 Pt platinum 78
[294] Og oganeson 118	[293] Ts tennessine 117	[293] Lv livermorium 116	[289] Mc moscovium 115	[286] Nh nihonium 113	[285] Cn copernicium 112	[281] Rg roentgenium 111	[281] Ds darmstadtium 110

1 H hydrogen 1

relative atomic mass atomic symbol name atomic (proton) number
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* 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.