Periodic Table of the Elements

Alkali metals | Alkaline earth | Boron group | Carbon group | Pnictogens | Chalcogens | Halogens | Noble gases

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	1 H Hydrogen 1.008																	2 G He Helium 4.0026
2	3 A Li Lithium 7	4 E Be Beryllium 9.0122											5 M B Boron 10.81	6 N C Carbon 12.011	7 N N Nitrogen 14.007	8 N O Oxygen 15.999	9 H F Fluorine 18.9984	10 G Ne Neon 20.18
3	11 A Na Sodium 22.9898	12 E Mg Magnesium 24.305											13 P Al Aluminium 26.9815	14 M Si Silicon 28.085	15 N P Phosphorus 30.9738	16 N S Sulfur 32.07	17 H Cl Chlorine 35.45	18 G Ar Argon 39.9
4	19 A K Potassium 39.0983	20 E Ca Calcium 40.08	21 T Sc Scandium 44.9559	22 T Ti Titanium 47.867	23 T V Vanadium 50.9415	24 T Cr Chromium 51.996	25 T Mn Manganese 54.938	26 T Fe Iron 55.84	27 T Co Cobalt 58.9332	28 T Ni Nickel 58.693	29 T Cu Copper 63.55	30 T Zn Zinc 65.4	31 P Ga Gallium 69.723	32 M Ge Germanium 72.63	33 M As Arsenic 74.9216	34 N Se Selenium 78.97	35 H Br Bromine 79.9	36 G Kr Krypton 83.8
5	37 A Rb Rubidium 85.468	38 E Sr Strontium 87.62	39 T Y Yttrium 88.9058	40 T Zr Zirconium 91.22	41 T Nb Niobium 92.9064	42 T Mo Molybdenum 95.95	43 T Tc Technetium [97]	44 T Ru Ruthenium 101.1	45 T Rh Rhodium 102.9055	46 T Pd Palladium 106.42	47 T Ag Silver 107.868	48 T Cd Cadmium 112.41	49 P In Indium 114.818	50 P Sn Tin 118.71	51 M Sb Antimony 121.76	52 M Te Tellurium 127.6	53 H I Iodine 126.9045	54 G Xe Xenon 131.29
6	55 A Cs Caesium 132.9055	56 E Ba Barium 137.33	57 L La Lanthanum 138.9055	58 L Ce Cerium 140.116	59 L Pr Praseodymium 140.9077	60 L Nd Neodymium 144.24	61 L Pm Promethium [145]	62 L Sm Samarium 150.4	63 L Eu Europium 151.964	64 L Gd Gadolinium 157.25	65 L Tb Terbium 158.9254	66 L Dy Dysprosium 162.5	67 L Ho Holmium 164.9303	68 L Er Erbium 167.26	69 L Tm Thulium 168.9342	70 L Yb Ytterbium 173.05	71 L Lu Lutetium 174.9667	72 T Hf Hafnium 178.49	73 T Ta Tantalum 180.9479	74 T W Tungsten 183.84	75 T Re Rhenium 186.207	76 T Os Osmium 190.2	77 T Ir Iridium 192.22	78 T Pt Platinum 195.08	79 T Au Gold 196.9666	80 T Hg Mercury 200.59	81 T Tl Thallium 204.383	82 P Pb Lead 207	83 P Bi Bismuth 208.9804	84 M Po Polonium [209]	85 H At Astatine [210]	86 G Rn Radon [222]
7	87 A Fr Francium [223]	88 E Ra Radium [226]	89 C Ac Actinium [227]	90 C Th Thorium 232.038	91 C Pa Protactinium 231.0359	92 C U Uranium 238.0289	93 C Np Neptunium [237]	94 C Pu Plutonium [244]	95 C Am Americium [243]	96 C Cm Curium [247]	97 C Bk Berkelium [247]	98 C Cf Californium [251]	99 C Es Einsteinium [252]	100 C Fm Fermium [257]	101 C Md Mendelevium [258]	102 C No Nobelium [259]	103 C Lr Lawrencium [266]	104 T Rf Rutherfordium [267]	105 T Db Dubnium [268]	106 T Sg Seaborgium [269]	107 T Bh Bohrium [270]	108 T Hs Hassium [269]	109 T Mt Meitnerium [277]	110 T Ds Darmstadtium [282]	111 T Rg Roentgenium [282]	112 T Cn Copernicium [286]	113 P Nh Nihonium [286]	114 P Fl Flerovium [290]	115 P Mc Moscovium [290]	116 P Lv Livermorium [293]	117 H Ts Tennessine [294]	118 G Og Oganesson [295]

C	Solid	90
Hg	Liquid	2
H	Gas	11
Rf	Unknown	15

Metals

A	E	Lanthanides L	T	P	M
Alkali metals	Alkaline earth metals	15	Transition metals	Post-transition metals	Metalloids
6	6	Actinides C 15	38	11	7

Nonmetals

N	H	G
Reactive nonmetals	Halogens	Noble gases
7	6	7

26 T Fe Iron 55.84

- Category letter
- Atomic number (protons)
- Electrons per shell
- Symbol
- Name
- Atomic mass, g/mol

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A mass in [brackets], such as [209], is a mass number: that element has no stable isotope, so its longest-lived one is shown.