Periodic Table of the Elements

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Alkali metals	Alkaline earth											Boron group	Carbon group	Pnictogens	Chalcogens	Halogens	Noble gases

1	1 N **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	L 57-71 **La-Lu**	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 P **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]	C 89-103 **Ac-Lr**	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]

Metals

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

M Metalloids 7

Nonmetals

N	H	G
Reactive nonmetals	Halogens	Noble gases
7	6	7

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

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
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]

Scan for the interactive table

26 T **Fe** Iron 55.84

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

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