

Periodic Table of Elements

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1 H Hydrogen 1												2 He Helium 4																							
3 Li Lithium 7		4 Be Beryllium 9												5 B Boron 11		6 C Carbon 12		7 N Nitrogen 14		8 O Oxygen 16		9 F Fluorine 19		10 Ne Neon 20											
11 Na Sodium 23		12 Mg Magnesium 24												13 Al Aluminium 27		14 Si Silicon 28		15 P Phosphorus 31		16 S Sulfur 32		17 Cl Chlorine 35.5		18 Ar Argon 40											
19 K Potassium 39		20 Ca Calcium 40		21 Sc Scandium 45		22 Ti Titanium 48		23 V Vanadium 51		24 Cr Chromium 52		25 Mn Manganese 55		26 Fe Iron 56		27 Co Cobalt 59		28 Ni Nickel 59		29 Cu Copper 63.5		30 Zn Zinc 65		31 Ga Gallium 70		32 Ge Germanium 73		33 As Arsenic 75		34 Se Selenium 79		35 Br Bromine 80		36 Kr Krypton 84	
37 Rb Rubidium 85		38 Sr Strontium 88		39 Y Yttrium 89		40 Zr Zirconium 91		41 Nb Niobium 93		42 Mo Molybdenum 96		43 Tc Technetium 99		44 Ru Ruthenium 101		45 Rh Rhodium 103		46 Pd Palladium 106		47 Ag Silver 108		48 Cd Cadmium 112		49 In Indium 115		50 Sn Tin 119		51 Sb Antimony 122		52 Te Tellurium 128		53 I Iodine 127		54 Xe Xenon 131	
55 Cs Caesium 133		56 Ba Barium 137		57-71		72 Hf Hafnium 178		73 Ta Tantalum 181		74 W Tungsten 184		75 Re Rhenium 186		76 Os Osmium 190		77 Ir Iridium 192		78 Pt Platinum 195		79 Au Gold 197		80 Hg Mercury 201		81 Tl Thallium 204		82 Pb Lead 207		83 Bi Bismuth 209		84 Po Polonium (209)		85 At Astatine (210)		86 Rn Radon (222)	
87 Fr Francium (223)		88 Ra Radium (226)		89-103		104 Rf Rutherfordium (261)		105 Db Dubnium (262)		106 Sg Seaborgium (266)		107 Bh Bohrium (264)		108 Hs Hassium (269)		109 Mt Meitnerium (268)		110 Ds Darmstadtium (269)		111 Rg Roentgenium (272)		112 Cn Copernicium (285)		113 Nh Nihonium (286)		114 Fl Flerovium (289)		115 Mc Moscovium (289)		116 Lv Livermorium (293)		117 Ts Tennessine (294)		118 Og Oganesson (294)	

Lanthanide Series	57 La Lanthanum 139	58 Ce Cerium 140	59 Pr Praseodymium 141	60 Nd Neodymium 144	61 Pm Promethium (145)	62 Sm Samarium 150	63 Eu Europium 152	64 Gd Gadolinium 157	65 Tb Terbium 159	66 Dy Dysprosium 163	67 Ho Holmium 165	68 Er Erbium 167	69 Tm Thulium 169	70 Yb Ytterbium 173	71 Lu Lutetium 175
Actinide Series	89 Ac Actinium (227)	90 Th Thorium 232	91 Pa Protactinium 231	92 U Uranium 238	93 Np Neptunium (237)	94 Pu Plutonium (244)	95 Am Americium (243)	96 Cm Curium (247)	97 Bk Berkelium (247)	98 Cf Californium (251)	99 Es Einsteinium (252)	100 Fm Fermium (257)	101 Md Mendelevium (258)	102 No Nobelium (259)	103 Lr Lawrencium (266)

Atomic Number
Symbol
Element Name
Atomic Mass

Alkali Metal	Alkaline Earth	Transition Metal	Basic Metal	Semi Metal	Non Metal	Halogen	Noble Gas	Lanthanide	Actinide	Solid	Liquid	Gas	Unknown
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