

Periodic Table of the Elements

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Group

Key

Atomic Number — 4
Symbol — **Be**
Name — Beryllium
Relative Atomic Mass — 9.01218

- Alkali metals
- Alkaline earth metals
- Transition metals
- Other metals
- Other non-metals
- Halogens
- Noble gases
- Lanthanides
- Actinides

Symbol in white: element has no stable nuclides

1A 1 H 1.00794 Hydrogen	2A 2 He 4.00260 Helium	3B 3 Li 6.941 Lithium	4B 4 Be 9.01218 Beryllium	5B 5 B 10.811 Boron	6B 6 C 12.011 Carbon	7B 7 N 14.007 Nitrogen	8 O 15.999 Oxygen	9 F 18.998 Fluorine	10 Ne 20.179 Neon	11A 11 Na 22.990 Sodium	12A 12 Mg 24.305 Magnesium	13 Al 26.982 Aluminum	14 Si 28.086 Silicon	15 P 30.974 Phosphorus	16 S 32.06 Sulfur	17 Cl 35.453 Chlorine	18 Ar 39.948 Argon
19 K 39.098 Potassium	20 Ca 40.078 Calcium	21 Sc 44.956 Scandium	22 Ti 47.867 Titanium	23 V 50.942 Vanadium	24 Cr 51.996 Chromium	25 Mn 54.938 Manganese	26 Fe 55.845 Iron	27 Co 58.933 Cobalt	28 Ni 58.693 Nickel	29 Cu 63.546 Copper	30 Zn 65.409 Zinc	31 Ga 69.723 Gallium	32 Ge 72.64 Germanium	33 As 74.922 Arsenic	34 Se 78.96 Selenium	35 Br 79.904 Bromine	36 Kr 83.798 Krypton
37 Rb 85.468 Rubidium	38 Sr 87.62 Strontium	39 Y 88.906 Yttrium	40 Zr 91.224 Zirconium	41 Nb 92.906 Niobium	42 Mo 95.94 Molybdenum	43 Tc [98] Technetium	44 Ru 101.07 Ruthenium	45 Rh 102.906 Rhodium	46 Pd 106.42 Palladium	47 Ag 107.868 Silver	48 Cd 112.411 Cadmium	49 In 114.818 Indium	50 Sn 118.710 Tin	51 Sb 121.760 Antimony	52 Te 127.6 Tellurium	53 I 126.905 Iodine	54 Xe 131.293 Xenon
55 Cs 132.905 Cesium	56 Ba 137.33 Barium	57-71 La-Lu * Lanthanum series	72 Hf 178.49 Hafnium	73 Ta 180.947 Tantalum	74 W 183.84 Tungsten	75 Re 186.207 Rhenium	76 Os 190.23 Osmium	77 Ir 192.217 Iridium	78 Pt 195.084 Platinum	79 Au 196.967 Gold	80 Hg 200.59 Mercury	81 Tl 204.383 Thallium	82 Pb 207.2 Lead	83 Bi 208.980 Bismuth	84 Po [209] Polonium	85 At [210] Astatine	86 Rn [222] Radon
87 Fr [223] Francium	88 Ra [226] Radium	89-103 ** Actinide series	104 Rf [261] Rutherfordium	105 Db [262] Dubnium	106 Sg [266] Seaborgium	107 Bh [264] Bohrium	108 Hs [277] Hassium	109 Mt [288] Meitnerium	110 Ds [285] Darmstadtium	111 Rg [272] Roentgenium	112 Cn [285] Copernicium	113 Nh [284] Nihonium	114 Fl [289] Flerovium	115 Mc [289] Moscovium	116 Lv [293] Livermorium	117 Ts [294] Tennessine	118 Og [294] Oganesson

57 **La** 138.905 Lanthanum

58 **Ce** 140.116 Cerium

59 **Pr** 140.907 Praseodymium

60 **Nd** 144.24 Neodymium

61 **Pm** [145] Promethium

62 **Sm** 150.36 Samarium

63 **Eu** 151.964 Europium

64 **Gd** 157.25 Gadolinium

65 **Tb** 158.9254 Terbium

66 **Dy** 162.50 Dysprosium

67 **Ho** 164.9308 Holmium

68 **Er** 167.259 Erbium

69 **Tm** 168.9342 Thulium

70 **Yb** 173.04 Ytterbium

71 **Lu** 174.967 Lutetium

89 **Ac** [227] Actinium

90 **Th** 232.0381 Thorium

91 **Pa** [231] Protactinium

92 **U** 238.0289 Uranium

93 **Np** [237] Neptunium

94 **Pu** [244] Plutonium

95 **Am** [243] Americium

96 **Cm** [247] Curium

97 **Bk** [247] Berkelium

98 **Cf** [251] Californium

99 **Es** [252] Einsteinium

100 **Fm** [257] Fermium

101 **Mt** [258] Meitnerium

102 **Nb** [259] Nobelium

103 **Lr** [262] Lawrencium

* Lanthanum series

** Actinide series

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