

# 元素周期表

- Group numbering is based on the new IUPAC system.
- Atomic weights are based on  $^{12}\text{C} = 12$  and conform to the 1995 IUPAC reported values. Number in ( ) indicates the isotope of longest half-life.

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1 氫 1.00794 Hydrogen	2 氦 4.002602 Helium															13 硼 10.811 Boron	14 碳 12.0107 Carbon	15 氮 14.00674 Nitrogen	16 氧 15.9994 Oxygen	17 氟 18.9984032 Fluorine	18 氖 20.1797 Neon
3 鋰 6.941 Lithium	4 鈹 9.012182 Beryllium															13 鋁 26.981538 Aluminum	14 矽 28.0855 Silicon	15 磷 30.973762 Phosphorus	16 硫 32.066 Sulfur	17 氯 35.4527 Chlorine	18 氩 39.948 Argon
11 鈉 22.989770 Sodium	12 鎂 24.3050 Magnesium	3 鈶 44.955910 Scandium	4 鈦 47.867 Titanium	5 鈮 50.9415 Vanadium	6 鉻 51.9961 Chromium	7 錳 54.938049 Manganese	8 鐵 55.845 Iron	9 鈷 58.933200 Cobalt	10 鎳 58.6934 Nickel	11 銅 63.546 Copper	12 鋅 65.39 Zinc	31 鎳 69.723 Gallium	32 鍺 72.61 Germanium	33 砷 74.92160 Arsenic	34 硒 78.96 Selenium	35 溴 79.904 Bromine	36 氪 83.80 Krypton				
37 鉀 39.0983 Potassium	20 鈣 40.078 Calcium	21 鈶 44.955910 Scandium	22 鈦 47.867 Titanium	23 鈮 50.9415 Vanadium	24 鉻 51.9961 Chromium	25 錳 54.938049 Manganese	26 鐵 55.845 Iron	27 鈷 58.933200 Cobalt	28 鎳 58.6934 Nickel	29 銅 63.546 Copper	30 鋅 65.39 Zinc	49 銦 114.818 Indium	50 錫 118.710 Tin	51 銻 121.760 Antimony	52 碲 127.60 Tellurium	53 碘 126.90447 Iodine	54 氙 131.29 Xenon				
37 鉀 39.0983 Potassium	38 鈣 40.078 Calcium	39 鈶 88.90585 Yttrium	40 鈦 91.224 Zirconium	41 鈮 92.90638 Niobium	42 鉬 95.94 Molybdenum	43 錳 (98) Technetium	44 鈷 101.07 Ruthenium	45 銠 102.90550 Rhodium	46 鈀 106.42 Palladium	47 銀 107.8682 Silver	48 鎘 112.411 Cadmium	81 鉈 204.3833 Thallium	82 鉛 207.2 Lead	83 鉍 208.98038 Bismuth	84 釷 (209) Polonium	85 砒 (210) Astatine	86 氡 (222) Radon				
55 銫 132.90545 Cesium	56 鋇 137.327 Barium	Lanthanoids		72 鈹 178.49 Hafnium	73 鉭 180.9479 Tantalum	74 鎢 183.84 Tungsten	75 錒 186.207 Rhenium	76 銱 190.23 Osmium	77 銲 192.217 Iridium	78 鉑 195.078 Platinum	79 金 196.96655 Gold	80 汞 200.59 Mercury	81 鉈 204.3833 Thallium	82 鉛 207.2 Lead	83 鉍 208.98038 Bismuth	84 釷 (209) Polonium	85 砒 (210) Astatine	86 氡 (222) Radon			
87 鈾 (223) Francium	88 鐳 226.025 Radium	Actinoids		104 鐳 (261) Rutherfordium	105 鈰 (262) Dubnium	106 鐳 (263) Seaborgium	107 鈰 (264) Bohrium	108 鐳 (265) Hassium	109 鐳 (268) Meitnerium	110 鐳 (269) Darmstadtium	111 鐳 (272) Roentgenium	112 鐳 (285) Copernicium	113 鐳 (278) Nihonium	114 鐳 (289) Flerovium	115 鐳 (288) Moscovium	116 鐳 (293) Livermorium	117 鐳 (293) Tennessine	118 鐳 (293) Oganesson			
Lanthanoids		57 釷 138.9055 Lanthanum	58 鈰 140.116 Cerium	59 鐳 140.90765 Praseodymium	60 釷 144.24 Neodymium	61 鉕 (145) Promethium	62 釷 150.36 Samarium	63 鈰 151.964 Europium	64 釷 157.25 Gadolinium	65 釷 158.92534 Terbium	66 鐳 162.50 Dysprosium	67 釷 164.93032 Holmium	68 釷 167.26 Erbium	69 釷 168.93421 Thulium	70 釷 173.04 Ytterbium	71 釷 174.967 Lutetium					
Actinoids		89 釷 (227) Actinium	90 釷 232.0381 Thorium	91 鐳 231.03588 Protactinium	92 釷 238.0289 Uranium	93 釷 (237) Neptunium	94 釷 (244) Plutonium	95 釷 (243) Americium	96 釷 (247) Curium	97 釷 (247) Berkelium	98 釷 (251) Californium	99 釷 (252) Einsteinium	100 釷 (257) Fermium	101 釷 (258) Mendelevium	102 釷 (259) Nobelium	103 釷 (262) Lawrencium					