

Names and Symbols

English name	Latin name	Symbol	English name	Latin name	Symbol
Actinium	Actinium	⁸⁹ Ac	Europium	Europium	⁶³ Eu
Aluminum	Aluminium	¹³ Al	Fermium	Fermium	¹⁰⁰ Fm
Americium	Americium	⁹⁵ Am	Fluorine	Fluorum	⁹ F
Antimony	Stibium	⁵¹ Sb	Francium	Francium	⁸⁷ Fr
Argon	Argon	¹⁸ Ar	Gadolinium	Gadolinium	⁶⁴ Gd
Arsenic	Arsenicum	³³ As	Gallium	Gallium	³¹ Ga
Astatine	Astatium	⁸⁵ At	Germanium	Germanium	³² Ge
Barium	Barium	⁵⁶ Ba	Gold	Aurum	⁷⁹ Au
Berkelium	Berkelium	⁹⁷ Bk	Hafnium	Hafnium	⁷² Hf
Beryllium	Beryllium	⁴ Be	Helium	Helium	² He
Bismuth	Bismuthum	⁸³ Bi	Holmium	Holmium	⁶⁷ Ho
Boron	Borum	⁵ B	Hydrogen	Hydrogenium	¹ H
Bromine	Bromum	³⁵ Br	Indium	Indium	⁴⁹ In
Cadmium	Cadmium	⁴⁸ Cd	Iodine	Iodum	⁵³ I
Calcium	Calcium	²⁰ Ca	Iridium	Iridium	⁷⁷ Ir
Californium	Californium	⁹⁸ Cf	Iron	Ferrum	²⁶ Fe
Carbon	Carboneum	⁶ C	Krypton	Krypton	³⁶ Kr
Cerium	Cerium	⁵⁸ Ce	Kurchatovium	Kurtchatovium	¹⁰⁴ Ku
Cesium	Caesium	⁵⁵ Cs	Lanthanum	Lanthanum	⁵⁷ La
Chlorine	Chlorum	¹⁷ Cl	Lawrencium	Lawrencium	¹⁰³ Lr
Chromium	Chromium	²⁴ Cr	Lead	Plumbum	⁸² Pb
Cobalt	Cobaltum	²⁷ Co	Lithium	Lithium	³ Li
Copper	Cuprum	²⁹ Cu	Lutetium	Lutetium	⁷¹ Lu
Curium	Curium	⁹⁶ Cm	Magnesium	Magnesium	¹² Mg
Dysprosium	Dysprosium	⁶⁶ Dy	Manganese	Manganum	²⁵ Mn
Einsteinium	Einsteinium	⁹⁹ Es	Mendelevium	Mendelevium	¹⁰¹ Md
Erbium	Erbium	⁶⁸ Er	Mercury	Mercurius	⁸⁰ Hg

of the Elements

English name	Latin name	Symbol	English name	Latin name	Symbol
Molybdenum	Molybdaenum	$_{42}\text{Mo}$	Samarium	Samarium	$_{62}\text{Sm}$
Neodymium	Neodymium	$_{60}\text{Nd}$	Scandium	Scandium	$_{21}\text{Sc}$
Neon	Neon	$_{10}\text{Ne}$	Selenium	Selenium	$_{34}\text{Se}$
Neptunium	Neptunium	$_{93}\text{Np}$	Silicon	Silicium	$_{14}\text{Si}$
Nickel	Niccolum	$_{28}\text{Ni}$	Silver	Argentum	$_{47}\text{Ag}$
Nielsbohrium	Nielsbohrium	$_{105}\text{Ns}$	Sodium	Natrium	$_{11}\text{Na}$
Niobium	Niobium	$_{41}\text{Nb}$	Strontium	Strontium	$_{38}\text{Sr}$
Nitrogen	Nitrogenium	$_{7}\text{N}$	Sulfur	Sulfur	$_{16}\text{S}$
Nobelium	Nobelium	$_{102}\text{No}$	Tantalum	Tantalum	$_{73}\text{Ta}$
Osmium	Osmium	$_{76}\text{Os}$	Technetium	Technetium	$_{43}\text{Tc}$
Oxygen	Oxygenium	$_{8}\text{O}$	Tellurium	Tellurium	$_{52}\text{Te}$
Palladium	Palladium	$_{46}\text{Pd}$	Terbium	Terbium	$_{65}\text{Tb}$
Phosphorus	Phosphorus	$_{15}\text{P}$	Thallium	Thallium	$_{81}\text{Tl}$
Platinum	Platinum	$_{78}\text{Pt}$	Thorium	Thorium	$_{90}\text{Th}$
Plutonium	Plutonium	$_{94}\text{Pu}$	Thulium	Thulium	$_{69}\text{Tm}$
Polonium	Polonium	$_{84}\text{Po}$	Tin	Stannum	$_{50}\text{Sn}$
Potassium	Kalium	$_{19}\text{K}$	Titanium	Titanium	$_{22}\text{Ti}$
Praseodymium	Praseodymium	$_{59}\text{Pr}$	Tungsten	Wolframium	$_{74}\text{W}$
Promethium	Promethium	$_{61}\text{Pm}$	Uranium	Uranium	$_{92}\text{U}$
Protactinium	Protactinium	$_{91}\text{Pa}$	Vanadium	Vanadium	$_{23}\text{V}$
Radium	Radium	$_{88}\text{Ra}$	Xenon	Xenon	$_{54}\text{Xe}$
Radon	Radon	$_{86}\text{Rn}$	Ytterbium	Ytterbium	$_{70}\text{Yb}$
Rhenium	Rhenium	$_{75}\text{Re}$	Yttrium	Yttrium	$_{39}\text{Y}$
Rhodium	Rhodium	$_{45}\text{Rh}$	Zinc	Zincum	$_{30}\text{Zn}$
Rubidium	Rubidium	$_{37}\text{Rb}$	Zirconium	Zirconium	$_{40}\text{Zr}$
Ruthenium	Ruthenium	$_{44}\text{Ru}$			

Periodic Table of the Elements

	A		I		B																							
1	H 1.008 Hydrogen		1		A		II		B		A		III		B		A		IV		B		A		V		B	
2	Li 6.941 Lithium		3		Be 9.012 Beryllium		4		B 10.811 Boron		5		C 12.011 Carbon		6		N 14.007 Nitrogen		7									
	3	Na 22.990 Sodium		11		Mg 24.305 Magnesium		12		Al 26.982 Aluminum		13		Si 28.086 Silicon		14		P 30.974 Phosphorus		15								
4		K 39.098 Potassium		19		Ca 40.078 Calcium		20		21		Sc 44.956 Scandium		22		Ti 47.88 Titanium		23		V 50.942 Vanadium		24						
	4	Cu 63.546 Copper		29		Zn 65.39 Zinc		30		Ga 69.723 Gallium		31		Ge 72.61 Germanium		32		As 74.922 Arsenic		33								
5		Rb 85.468 Rubidium		37		Sr 87.62 Strontium		38		39		Y 88.906 Yttrium		40		Zr 91.224 Zirconium		41		Nb 92.906 Niobium		42						
	5	Ag 107.868 Silver		47		Cd 112.411 Cadmium		48		In 114.82 Indium		49		Sn 118.710 Tin		50		Sb 121.75 Antimony		51								
6		Cs 132.905 Cesium		55		Ba 137.327 Barium		56		⁵⁷ La - ⁷¹ Lu *		72		Hf 178.49 Hafnium		73		Ta 180.948 Tantalum		74								
	6	Au 196.967 Gold		79		Hg 200.59 Mercury		80		Tl 204.383 Thallium		81		Pb 207.2 Lead		82		Bi 208.980 Bismuth		83								
7		Fr 223.020 Francium		87		Ra 226.025 Radium		88		⁸⁹ Ac - ¹⁰³ Lr **		104		Ku [261] Kurchatovium		105		Ns [262] Nielsbohrium		106								

* Lanthanoids

57	La	58	Ce	59	Pr	60	Nd	61	Pm	62	Sm	63	Eu	64	Gd
138.906		140.115		140.908		144.24		144.913		150.36		151.965		157.25	
Lanthanum		Cerium		Praseodymium		Neodymium		Promethium		Samarium		Europium		Gadolinium	

** Actinoids

89	Ac	90	Th	91	Pa	92	U	93	Np	94	Pu	95	Am	96	Cm
227.028		232.038		231.036		238.029		237.048		244.064		243.061		247.070	
Actinium		Thorium		Protactinium		Uranium		Neptunium		Plutonium		Americium		Curium	

According to IUPAC Commission (1995 year):

element 104 Dubnium Db	element 107 Bohrium Bo
element 105 Joliotium JI	element 108 Hahnium Hn
element 106 Rutherfordium Rf	element 109 Meitnerium Mt

			A VII B		A VIII B				
			(H)		He 2 4.003 Helium Symbol Atomic number Na 11 22.990 Sodium Name Relative atomic mass				
A VI B			8 F 9		9 Ne 10				
15.999 Oxygen			18.998 Fluorine		20.180 Neon				
16 S 17			17 Cl 17		18 Ar 18				
32.066 Sulfur			35.453 Chlorine		39.948 Argon				
24 Cr		25 Mn		26 Fe		27 Co		28 Ni	
51.996 Chromium		54.938 Manganese		55.847 Iron		58.933 Cobalt		58.69 Nickel	
Se 34		Br 35		Kr 36					
78.96 Selenium		79.904 Bromine		83.80 Krypton					
42 Mo		43 Tc		44 Ru		45 Rh		46 Pd	
95.94 Molybdenum		97.907 Technetium		101.07 Ruthenium		102.906 Rhodium		106.42 Palladium	
Te 52		I 53		Xe 54					
127.60 Tellurium		126.904 Iodine		131.29 Xenon					
74 W		75 Re		76 Os		77 Ir		78 Pt	
183.85 Tungsten		186.207 Rhenium		190.2 Osmium		192.22 Iridium		195.08 Platinum	
Po 84		At 85		Rn 86					
208.982 Polonium		209.987 Astatine		222.018 Radon					
106 [263]		107 [262]		108 [265]		109 [266]			
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65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu
158.925 Terbium	162.50 Dysprosium	164.930 Holmium	167.26 Erbium	168.934 Thulium	173.04 Ytterbium	174.967 Lutetium

97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr
247.070 Berkelium	251.080 Californium	252.083 Einsteinium	257.095 Fermium	258.099 Mendelevium	259.101 Nobelium	260.105 Lawrencium

Relative atomic masses are based on $^{12}\text{C} = 12$ and conform to the 1987 IUPAC report values rounded to the third decimal figure. Number in [] indicate the most stable isotope.