

Periodic Table of the Elements

1	1.00794 1 H	18 4.00260 2 He
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KEY

Atomic Mass → 12.011
Symbol → **C**
Atomic Number → 6
Electron Configuration → 2-4
ground state

← Selected Oxidation States
-4
+2
+4

Relative atomic masses are based on ¹²C = 12.000

Note: Mass numbers in parentheses are mass numbers of the most stable or common isotope.

	Group																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
2	6.941 2-1 Li	9.01218 2-2 Be											10.81 2-3 B	12.011 2-4 C	14.0067 2-5 N	15.9994 2-6 O	18.998403 2-7 F	20.179 2-8 Ne	
3	22.98977 2-8-1 Na	24.305 2-8-2 Mg											26.98154 2-8-3 Al	28.0855 2-8-4 Si	30.97376 2-8-5 P	32.06 2-8-6 S	35.453 2-8-7 Cl	39.948 2-8-8 Ar	
4	39.0983 2-8-8-1 K	40.08 2-8-8-2 Ca											68.972 2-8-9 Ga	72.59 2-8-10 Ge	74.9216 2-8-11 As	78.96 2-8-12 Se	79.904 2-8-13 Br	83.80 2-8-14 Kr	
5	85.4678 2-8-18-1 Rb	87.62 2-8-18-2 Sr											114.82 2-8-18-3 In	118.71 2-8-18-4 Sn	121.75 2-8-18-5 Sb	127.60 2-8-18-6 Te	126.905 2-8-18-7 I	131.29 2-8-18-8 Xe	
6	132.905 2-8-18-18-1 Cs	137.33 2-8-18-18-2 Ba											204.383 2-8-18-18-3 Tl	207.2 2-8-18-18-4 Pb	208.980 2-8-18-18-5 Bi	209 2-8-18-18-6 Po	(210) 2-8-18-18-7 At	(222) 2-8-18-18-8 Rn	
7	(223) 2-8-32-18-8-1 Fr	(226) 2-8-32-18-8-2 Ra											268.107 2-8-32-18-8-3 Uuu	268.107 2-8-32-18-8-4 Uuq	268.107 2-8-32-18-8-5 Uub	268.107 2-8-32-18-8-6 Uuc	268.107 2-8-32-18-8-7 Uud	268.107 2-8-32-18-8-8 Uue	268.107 2-8-32-18-8-9 Uuf

*The systematic names and symbols for elements of atomic numbers above 109 will be used until the approval of trivial names by IUPAC.

140.12 58 Ce	140.908 59 Pr	144.24 60 Nd	(145) 61 Pm	150.36 62 Sm	151.96 63 Eu	157.25 64 Gd	162.50 65 Tb	164.930 66 Dy	167.26 67 Ho	173.04 68 Er	175.04 69 Tm	176.93 70 Yb	176.93 71 Lu
232.038 90 Th	231.036 91 Pa	238.029 92 U	(243) 93 Np	(244) 94 Pu	(247) 95 Am	(251) 96 Cm	(252) 97 Bk	(257) 98 Cf	(258) 99 Es	(261) 100 Fm	(265) 101 Md	(269) 102 No	(270) 103 Lr

**Denotes the presence of (2-8-7) for elements 72 and above

AFFICIAL TABLE