Periodic Table of the Elements

Legend: Atomic # — subshell — **Symbol** — Name — Std. Atomic Weight

#	Symbol	Name	Std. Atomic Weight	Subshell
1	H	Hydrogen	1.00784–1.00811	1s
2	He	Helium	4.002602(2)	1s
3	Li	Lithium	6.938–6.997	2s
4	Be	Beryllium	9.0121831(5)	2s
5	B	Boron	10.806–10.821	2p
6	C	Carbon	12.0096–12.0116	2p
7	N	Nitrogen	14.00643–14.00728	2p
8	O	Oxygen	15.99903–15.99977	2p
9	F	Fluorine	18.998403163(6)	2p
10	Ne	Neon	20.1797(6)	2p
11	Na	Sodium	22.98976928(2)	3s
12	Mg	Magnesium	24.304–24.307	3s
13	Al	Aluminium	26.9815385(7)	3p
14	Si	Silicon	28.084–28.086	3p
15	P	Phosphorus	30.973761998(5)	3p
16	S	Sulphur	32.059–32.076	3p
17	Cl	Chlorine	35.446–35.457	3p
18	Ar	Argon	39.948(1)	3p
19	K	Potassium	39.0983(1)	4s
20	Ca	Calcium	40.078(4)	4s
21	Sc	Scandium	44.955908(5)	3d
22	Ti	Titanium	47.867(1)	3d
23	V	Vanadium	50.9415(1)	3d
24	Cr	Chromium	51.9961(6)	3d*
25	Mn	Manganese	54.938044(3)	3d
26	Fe	Iron	55.845(2)	3d
27	Co	Cobalt	58.933194(4)	3d
28	Ni	Nickel	58.6934(4)	3d
29	Cu	Copper	63.546(3)	3d*
30	Zn	Zinc	65.38(2)	3d
31	Ga	Gallium	69.723(1)	4p
32	Ge	Germanium	72.630(8)	4p
33	As	Arsenic	74.921595(6)	4p
34	Se	Selenium	78.971(8)	4p
35	Br	Bromine	79.901–79.907	4p
36	Kr	Krypton	83.798(2)	4p
37	Rb	Rubidium	85.4678(3)	5s
38	Sr	Strontium	87.62(1)	5s
39	Y	Yttrium	88.90584(2)	4d
40	Zr	Zirconium	91.224(2)	4d
41	Nb	Niobium	92.90637(2)	4d*
42	Mo	Molybdenum	95.95(1)	4d*
43	Tc	Technetium	(98)	4d*
44	Ru	Ruthenium	101.07(2)	4d*
45	Rh	Rhodium	102.90550(2)	4d*
46	Pd	Palladium	106.42(1)	4d*
47	Ag	Silver	107.8682(2)	4d*
48	Cd	Cadmium	112.414(4)	4d
49	In	Indium	114.818(1)	5p
50	Sn	Tin	118.710(7)	5p
51	Sb	Antimony	121.760(1)	5p
52	Te	Tellurium	127.60(3)	5p
53	I	Iodine	126.90447(3)	5p
54	Xe	Xenon	131.293(6)	5p
55	Cs	Caesium	132.90545196(6)	6s
56	Ba	Barium	137.327(7)	6s
57	La	Lanthanum	138.90547(7)	5d*
58	Ce	Cerium	140.116(1)	4f*
59	Pr	Praseodymium	140.90766(2)	4f
60	Nd	Neodymium	144.242(3)	4f
61	Pm	Promethium	(145)	4f
62	Sm	Samarium	150.36(2)	4f
63	Eu	Europium	151.964(1)	4f
64	Gd	Gadolinium	157.25(3)	4f
65	Tb	Terbium	158.92535(2)	4f
66	Dy	Dysprosium	162.500(1)	4f
67	Ho	Holmium	164.93033(2)	4f
68	Er	Erbium	167.259(3)	4f
69	Tm	Thulium	168.93422(2)	4f
70	Yb	Ytterbium	173.045(10)	4f
71	Lu	Lutetium	174.9668(1)	4f
72	Hf	Hafnium	178.49(2)	5d
73	Ta	Tantalum	180.94788(2)	5d
74	W	Tungsten	183.84(1)	5d
75	Re	Rhenium	186.207(1)	5d
76	Os	Osmium	190.23(3)	5d
77	Ir	Iridium	192.217(3)	5d
78	Pt	Platinum	195.084(9)	5d*
79	Au	Gold	196.966569(5)	5d*
80	Hg	Mercury	200.592(3)	5d
81	Tl	Thallium	204.382–204.385	6p
82	Pb	Lead	207.2(1)	6p
83	Bi	Bismuth	208.98040(1)	6p
84	Po	Polonium	(209)	6p
85	At	Astatine	(210)	6p
86	Rn	Radon	(222)	6p
87	Fr	Francium	(223)	7s
88	Ra	Radium	(226)	7s
89	Ac	Actinium	(227)	6d*
90	Th	Thorium	232.0377(4)	6d*
91	Pa	Protactinium	231.03588(2)	4f*
92	U	Uranium	238.02891(3)	4f*
93	Np	Neptunium	(237)	4f*
94	Pu	Plutonium	(244)	4f
95	Am	Americium	(243)	4f
96	Cm	Curium	(247)	4f*
97	Bk	Berkelium	(247)	4f
98	Cf	Californium	(251)	4f
99	Es	Einsteinium	(252)	4f
100	Fm	Fermium	(257)	4f
101	Md	Mendelevium	(258)	4f
102	No	Nobelium	(259)	4f
103	Lr	Lawrencium	(266)	4f
104	Rf	Rutherfordium	(261)	6d
105	Db	Dubnium	(268)	6d
106	Sg	Seaborgium	(269)	6d
107	Bh	Bohrium	(270)	6d
108	Hs	Hassium	(269)	6d
109	Mt	Meitnerium	(278)	6d
110	Ds	Darmstadtium	(281)	6d
111	Rg	Roentgenium	(282)	5d*
112	Cn	Copernicium	(285)	6d
113	Uut	Ununtrium	(286)	7p
114	Fl	Flerovium	(289)	7p
115	Uup	Ununpentium	(289)	7p
116	Lv	Livermorium	(293)	7p
117	Uus	Ununseptium	(294)	7p
118	Uuo	Ununoctium	(294)	7p

57–71 * Lanthanides   89–103 ** Actinides

An asterisk (*) next to a subshell indicates an anomalous (Aufbau rule-breaking) ground state electron configuration