

Periodic Table of the Elements

1	1s	2	1s
H Hydrogen 1.00784– 1.00811		He Helium 4.002602(2)	
3	2s	4	2s
Li Lithium 6.938–6.997		Be Beryllium 9.0121831(5)	
11	3s	12	3s
Na Sodium 22.98976928(2)		Mg Magnesium 24.304–24.307	
19	4s	20	4s
K Potassium 39.0983(1)		Ca Calcium 40.078(4)	
37	5s	38	5s
Rb Rubidium 85.4678(3)		Sr Strontium 87.62(1)	
55	6s	56	6s
Cs Caesium 132.90545196(6)		Ba Barium 137.327(7)	
87	7s	88	7s
Fr Francium (223)		Ra Radium (226)	
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Atom # subshell	Symbol Name Std. Atomic Weight		
57	5d*	58	4f*
La Lanthanum 138.90547(7)		Ce Cerium 140.116(1)	
89	6d*	90	4f*
Ac Actinium (227)		Th Thorium 232.0377(4)	
59	4f*	60	4f
Pr Praseodymium 140.90766(2)		Nd Neodymium 144.242(3)	
61	4f	62	4f
Pm Promethium (145)		Sm Samarium 150.36(2)	
63	4f	64	4f
Eu Europium 151.964(1)		Gd Gadolinium 157.25(3)	
65	4f*	66	4f
Tb Terbium 158.92535(2)		Dy Dysprosium 162.500(1)	
67	4f	68	4f
Ho Holmium 164.93033(2)		Er Erbium 167.259(3)	
69	4f	70	4f
Tm Thulium 168.93422(2)		Yb Ytterbium 173.045(10)	
71	4f	72	4f
Lu Lutetium 174.968(1)			
103	4f	104	4f
Lr Lawrencium (266)			
105	4f	106	4f
Db Dubnium (268)		Sg Seaborgium (269)	
107	4f*	108	4f
Bh Bohrium (270)		Hs Hassium (269)	
109	4f	110	4f
Mt Meitnerium (278)		Ds Darm- stadtium (281)	
111	4f	112	4f
Rg Roentgenium (282)		Cn Copernicium (285)	
113	4f	114	4f
Uut Ununtrium (286)		Fl Flerovium (289)	
115	4f	116	4f
Uup Ununpentium (289)		Lv Livermorium (293)	
117	4f	118	4f
Uus Ununseptium (294)		Uuo Ununoctium (294)	
119	4f	120	4f
Uuh Ununhennium (296)			
121	4f	122	4f
Ubu Unbium (298)			
123	4f	124	4f
Ubu Unbium (298)			
125	4f	126	4f
Ubu Unbium (298)			
127	4f	128	4f
Ubu Unbium (298)			
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147	4f	148	4f
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