

# The Periodic Table of the Elements

Incompressible element  
 at STP (solid, located  
 in f-d-block place).  
  
 An average element as it  
 is found in nature  
 (solid, unreactive  
 lightest form of Hg, in  
 conventional form  
 undergoing  
 oxidation).

Element name → Mercury  
 Symbol → Hg  
 Atomic # → 80  
 Avg. Mass → 200.59  
 Electronegativity → 1.9

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
H 1.01 1	He 4.00 2	Li 6.94 3	Be 9.01 4	B 10.81 5	C 12.01 6	N 14.01 7	O 15.99 8	F 18.99 9	Ne 20.18 10	Na 22.99 11	Mg 24.31 12	Al 26.98 13	Si 28.08 14	P 30.97 15	S 32.06 16	Cl 35.45 17	Ar 39.94 18
K 39.09 19	Ca 40.08 20	Sc 44.96 21	Ti 47.88 22	V 50.94 23	Cr 51.99 24	Mn 54.94 25	Fe 55.84 26	Co 58.93 27	Ni 58.69 28	Cu 63.54 29	Zn 65.38 30	Ga 69.72 31	Ge 72.63 32	As 74.92 33	Se 78.96 34	Br 79.90 35	Kr 83.80 36
Rb 85.46 37	Sr 87.62 38	Y 88.90 39	Zr 91.22 40	Nb 92.90 41	Mo 95.94 42	Tc 98.90 43	Ru 101.07 44	Rh 101.07 45	Pd 106.36 46	Ag 107.86 47	Cd 112.41 48	In 114.81 49	Sn 118.71 50	Sb 121.75 51	Te 127.60 52	I 126.90 53	Xe 131.29 54
Cs 132.90 55	Ba 137.32 56	La 138.90 57	Ce 140.12 58	Pr 140.90 59	Nd 144.24 60	Pm 144.90 61	Sm 150.35 62	Eu 151.96 63	Gd 157.25 64	Tb 158.92 65	Dy 162.50 66	Ho 164.93 67	Er 167.25 68	Tm 168.93 69	Yb 173.04 70	Lu 174.96 71	Hf 178.49 72
Fr 223.01 87	Ra 226.02 88	Ac 227.02 89	Th 232.03 90	Pa 231.03 91	U 238.02 92	Np 237.02 93	Pu 244.06 94	Am 243.06 95	Cm 247.07 96	Bk 247.07 97	Cf 251.08 98	Es 252.08 99	Fm 257.09 100	Mendelevium 258.10 101	Nobelium 259.10 102	Lr 260.10 103	Rf 261.10 104

Lanthanides:  
 La (138.90), Ce (140.12), Pr (140.90), Nd (144.24), Pm (144.90), Sm (150.35), Eu (151.96), Gd (157.25), Tb (158.92), Dy (162.50), Ho (164.93), Er (167.25), Tm (168.93), Yb (173.04)

Actinides:  
 Ac (227.02), Th (232.03), Pa (231.03), U (238.02), Np (237.02), Pu (244.06), Am (243.06), Cm (247.07), Bk (247.07), Cf (251.08), Es (252.08), Fm (257.09), Md (258.10), No (259.10)