

Periodic Table of the Elements

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|---|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|--|--------------------------|--|--------------|
| | IA | | | | | | | | | | | | | | | | | | | | | | VIIIA |
| 1 | 1 H 1.0079 | | | | | | | | | | | | | | | | | | | | 2 He 4.0026 | | |
| 2 | 3 Li 6.941 | IIA | | | | | | | | | | | IIIA | IVA | VA | VIA | VIIA | 10 Ne 20.180 | | | | | |
| 3 | 11 Na 22.990 | 12 Mg 24.305 | | | | | | | | | | | 13 Al 26.982 | 14 Si 28.085 | 15 P 30.974 | 16 S 32.065 | 17 Cl 35.453 | 18 Ar 39.948 | | | | | |
| 4 | 19 K 39.098 | 20 Ca 40.078 | IIIB | IVB | VB | VIB | VII B | VIIIB | | | IB | IIB | 31 Ga 69.723 | 32 Ge 72.64 | 33 As 74.922 | 34 Se 78.96 | 35 Br 79.904 | 36 Kr 83.798 | | | | | |
| 5 | 37 Rb 85.468 | 38 Sr 87.62 | 39 Y 88.906 | 40 Zr 91.224 | 41 Nb 92.906 | 42 Mo 95.96 | 43 Tc 96.906 | 44 Ru 101.07 | 45 Rh 102.91 | 46 Pd 106.42 | 47 Ag 107.87 | 48 Cd 112.41 | 49 In 114.82 | 50 Sn 118.71 | 51 Sb 121.76 | 52 Te 127.60 | 53 I 126.90 | 54 Xe 131.29 | | | | | |
| 6 | 55 Cs 132.91 | 56 Ba 137.33 | 71 Lu 174.97 | 72 Hf 178.49 | 73 Ta 180.95 | 74 W 183.84 | 75 Re 186.21 | 76 Os 190.23 | 77 Ir 192.22 | 78 Pt 195.08 | 79 Au 196.97 | 80 Hg 200.59 | 81 Tl 204.38 | 82 Pb 207.2 | 83 Bi 208.98 | 84 Po 208.98 | 85 At 209.99 | 86 Rn 222.02 | | | | | |
| 7 | 87 Fr 223.02 | 88 Ra 226.03 | 103 Lr 262.11 | 104 Rf 267.12 | 105 Db 270.13 | 106 Sg 269.13 | 107 Bh 270.13 | 108 Hs 269.13 | 109 Mt 278.16 | 110 Ds 281.17 | 111 Rg 281.17 | 112 Cn 285.18 | 113 Nh 286.18 | 114 Fl 289.19 | 115 Mc 289.20 | 116 Lv 293.20 | 117 Ts 293.21 | 118 Og 294.21 | | | | | |

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|--------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| Lanthanoids | 57 La 138.91 | 58 Ce 140.12 | 59 Pr 140.91 | 60 Nd 144.24 | 61 Pm 144.91 | 62 Sm 150.36 | 63 Eu 151.96 | 64 Gd 157.25 | 65 Tb 158.93 | 66 Dy 162.50 | 67 Ho 164.93 | 68 Er 167.26 | 69 Tm 168.93 | 70 Yb 173.05 |
| | Actinoids | 89 Ac 227.03 | 90 Th 232.04 | 91 Pa 231.04 | 92 U 238.03 | 93 Np 237.05 | 94 Pu 244.06 | 95 Am 243.06 | 96 Cm 247.07 | 97 Bk 247.07 | 98 Cf 251.08 | 99 Es 252.08 | 100 Fm 257.10 | 101 Md 258.10 |