

Periodic Table with Charges

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|-------------------------------------|------------------------------------|------------------------------------|---|---|---|---|---|---|---|--|--|--|---|--|--|---|--|--|--|--|---|
| 1 H Hydrogen +1, -1 | | | | | | | | | | | | | | | | | 2 He Helium no common sim | | | | |
| 3 Li Lithium +1 | 4 Be Beryllium +2 | | | | | | | | | | | | | | | 5 B Boron +3 | 6 C Carbon -4, +4 | 7 N Nitrogen -3, +3, +5 | 8 O Oxygen -2 | 9 F Fluorine -1 | 10 Ne Neon no common sim |
| 11 Na Sodium +1 | 12 Mg Magnesium +2 | | | | | | | | | | | | | | | 13 Al Aluminum +3 | 14 Si Silicon -4, +4 | 15 P Phosphorus -3, +3, +5 | 16 S Sulfur -2, +4, +6 | 17 Cl Chlorine -1, +1, +5, + | 18 Ar Argon no common sim |
| 19 K Potassium +1 | 20 Ca Calcium +2 | 21 Sc Scandium +3 | 22 Ti Titanium +3, +4 | 23 V Vanadium +2, +3, +4, + | 24 Cr Chromium +2, +3, +6 | 25 Mn Manganese +2, +4, +7 | 26 Fe Iron +2, +3 | 27 Co Cobalt +2, +3 | 28 Ni Nickel +2, +3 | 29 Cu Copper +1, +2 | 30 Zn Zinc +2 | 31 Ga Gallium +3 | 32 Ge Germanium +2, +4 | 33 As Arsenic -3, +3, +5 | 34 Se Selenium -2, +4, +6 | 35 Br Bromine -1, +1, +5 | 36 Kr Krypton no common sim | | | | |
| 37 Rb Rubidium +1 | 38 Sr Strontium +2 | 39 Y Yttrium +3 | 40 Zr Zirconium +4 | 41 Nb Niobium +3, +5 | 42 Mo Molybdenum +4, +6 | 43 Tc Technetium +4, +7 | 44 Ru Ruthenium +3, +4 | 45 Rh Rhodium +3 | 46 Pd Palladium +2, +4 | 47 Ag Silver +1 | 48 Cd Cadmium +2 | 49 In Indium +1, +3 | 50 Sn Tin +2, +4 | 51 Sb Antimony -3, +3, +5 | 52 Te Tellurium -2, +4, +6 | 53 I Iodine -1, +1, +5, + | 54 Xe Xenon no common sim | | | | |
| 55 Cs Cesium +1 | 56 Ba Barium +2 | 57 La Lanthanum +3 | 72 Hf Hafnium +4 | 73 Ta Tantalum +5 | 74 W Tungsten +4, +6 | 75 Re Rhenium +4, +7 | 76 Os Osmium +3, +4 | 77 Ir Iridium +3, +4 | 78 Pt Platinum +2, +4 | 79 Au Gold +1, +3 | 80 Hg Mercury +1, +2 | 81 Tl Thallium +1, +3 | 82 Pb Lead +2, +4 | 83 Bi Bismuth +3, +5 | 84 Po Polonium +2, +4 | 85 At Astatine -1, +1 | 86 Rn Radon no common sim | | | | |
| 87 Fr Francium +1 | 88 Ra Radium +2 | 89 Ac Actinium +3 | 104 Rf Rutherfordium +4 | 105 Db Dubnium +5 | 106 Sg Seaborgium +6 | 107 Bh Bohrium +7 | 108 Hs Hassium +8 | 109 Mt Meitnerium no common sim | 110 Ds Darmstadtium no common sim | 111 Rg Roentgenium no common sim | 112 Cn Copernicium no common sim | 113 Nh Nihonium +1, +3 | 114 Fl Flerovium +2, +4 | 115 Mc Moscovium no common sim | 116 Lv Livermorium no common sim | 117 Ts Tennessine no common sim | 118 Og Oganesson no common sim | | | | |
| | | | 58 Ce Cerium +3, +4 | 59 Pr Praseodymium +3, +4 | 60 Nd Neodymium +3 | 61 Pm Promethium +3 | 62 Sm Samarium +2, +3 | 63 Eu Europium +2, +3 | 64 Gd Gadolinium +3 | 65 Tb Terbium +3, +4 | 66 Dy Dysprosium +3 | 67 Ho Holmium +3 | 68 Er Erbium +3 | 69 Tm Thulium +3 | 70 Yb Ytterbium +2, +3 | 71 Lu Lutetium +3 | | | | | |
| | | | 90 Th Thorium +4 | 91 Pa Protactinium +4, +5 | 92 U Uranium +4, +6 | 93 Np Neptunium +3, +4, +5, + | 94 Pu Plutonium +3, +4, +5, + | 95 Am Americium +3 | 96 Cm Curium +3 | 97 Bk Berkelium +3, +4 | 98 Cf Californium +3 | 99 Es Einsteinium +3 | 100 Fm Fermium +3 | 101 Md Mendelevium +2, +3 | 102 No Nobelium +2, +3 | 103 Lr Lawrencium +3 | | | | | |