

Periodic Table with Charges

| | s-block | | Transition Elements d-block | | | | | | | | | | p-block | | | | | Nobel Element |
|------------|----------------|----------------|-----------------------------|------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|-----------------|---------------|
| Group | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 1 | 1 H +1 | | | | | | | | | | | | | | | | | 2 He 0 |
| 2 | 3 Li +1 | 4 Be +2 | | | | | | | | | | | 5 B | 6 C | 7 N -3 | 8 O -2 | 9 F -1 | 10 Ne 0 |
| 3 | 11 Na +1 | 12 Mg +2 | | | | | | | | | | | 13 Al +3 | 14 Si | 15 P -3 | 16 S -2 | 17 Cl -1 | 18 Ar 0 |
| 4 | 19 K +1 | 20 Ca +2 | 21 Sc +3 | 22 Ti +2, +3, +4 | 23 V +2, +3, +4, +5 | 24 Cr +2, +3, +6 | 25 Mn +2, +3, +4, +7 | 26 Fe +2, +3 | 27 Co +2, +3 | 28 Ni +2, +3 | 29 Cu +1, +2 | 30 Zn +2 | 31 Ga +3 | 32 Ge +2, +4 | 33 As -3 | 34 Se -2 | 35 Br -1 | 36 Kr 0 |
| 5 | 37 Rb +1 | 38 Sr +2 | 39 Y +3 | 40 Zr +4 | 41 Nb +3, +5 | 42 Mo +6 | 43 Tc +4, +6, +7 | 44 Ru +3 | 45 Rh +3 | 46 Pd +2, +4 | 47 Ag +1 | 48 Cd +2 | 49 In +3 | 50 Sn +2, +4 | 51 Sb +3, +5 | 52 Te -2 | 53 I -1 | 54 Xe 0 |
| 6 | 55 Cs +1 | 56 Ba +2 | 57-71 La-Lu | 72 Hf +4 | 73 Ta +5 | 74 W +6 | 75 Re +4, +6, +7 | 76 Os +3, +4 | 77 Ir +3, +4 | 78 Pt +2, +4 | 79 Au +1, +3 | 80 Hg +1, +2 | 81 Tl +1, +3 | 82 Pb +2, +4 | 83 Bi +3, +5 | 84 Po +2, +4 | 85 At -1 | 86 Rn 0 |
| 7 | 87 Fr +1 | 88 Ra +2 | 89-103 Ac-Lr | 104 Rf | 105 Db | 106 Sg | 107 Bh | 108 Hs | 109 Mt | 110 Ds | 111 Rg | 112 Cn | | | | | | |
| Lanthanide | | | 57 La +3 | 58 Ce +3, +4 | 59 Pr +3 | 60 Nd +3 | 61 Pm +3 | 62 Sm +2, +3 | 63 Eu +2, +3 | 64 Gd +3 | 65 Tb +3 | 66 Dy +3 | 67 Ho +3 | 68 Er +3 | 69 Tm +3 | 70 Yb +2, +3 | 71 Lu +3 | |
| Actinide | | | 89 Ac +3 | 90 Th +4 | 91 Pa +4, +5 | 92 U +3, +4, +5, +6 | 93 Np +3, +4, +5, +6 | 94 Pu +3, +4, +5, +6 | 95 Am +3, +4, +5, +6 | 96 Cm +3 | 97 Bk +3, +4 | 98 Cf +3 | 99 Es +3 | 100 Fm +3 | 101 Md +2, +3 | 102 No +2, +3 | 103 Lr +3 | |

Key for Labeled Periodic Table Elements with Names

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|-----------------------|
| Alkali Metals |
| Alkaline Earth Metals |
| Lanthinides |
| Actinides |
| Transition Metals |
| Poor Metals |
| Other Metals |
| Nobel Gases |