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1 1.008 H Hydrogen -1, 1s ¹	2 9.0122 Be Beryllium He 2s ²
3 6.94 Li Lithium He 2s ²	4 9.0122 Be Beryllium He 2s ²
11 22.990 Na Sodium Ne 3s ²	12 24.305 Mg Magnesium Ne 3s ²

1 Atomic number
2 Element symbol
3 Atomic weight
4 Melting point
5 Boiling point
6 Electronegativity (Allred, Rochow)
7 Oxidation states
8 Electron configuration

1 Ordnungszahl
2 Elementsymbol
3 Atommasse
4 Schmelzpunkt
5 Siedepunkt
6 Elektronegativität (Allred, Rochow)
7 Oxidationsstufen
8 Elektronenkonfiguration

1 Número atómico
2 Símbolo del elemento
3 Peso atómico
4 Punto de fusión
5 Punto de ebullición
6 Electronegatividad (Allred, Rochow)
7 Niveles de oxidación
8 Configuración electrónica



■ Metal / Metall / Metal
■ Non-metal / Nichtmetall / No metal
■ Metalloid / Metalloid / Metalloide
■ Inner transition metal / Inneres Übergangsmetall / Metal de transición interna



19 39.098 K Potassium Ar 4s ¹	20 40.078(4) Ca Calcium Ar 4s ²	21 44.956 Sc Scandium Ar 3d ¹ 4s ²	22 47.867 Ti Titanium Ar 3d ² 4s ²	23 50.942 V Vanadium Ar 3d ³ 4s ²	24 51.996 Cr Chromium Ar 3d ⁵ 4s ¹	25 54.938 Mn Manganese Ar 3d ⁵ 4s ²	26 55.845(2) Fe Iron Ar 3d ⁶ 4s ²	27 58.933 Co Cobalt Ar 3d ⁷ 4s ²	28 58.693 Ni Nickel Ar 3d ⁸ 4s ²	29 63.546(3) Cu Copper Ar 3d ¹⁰ 4s ¹	30 65.38(2) Zn Zinc Ar 3d ¹⁰ 4s ²	31 69.723 Ga Gallium Ar 3d ¹⁰ 4s ² 4p ¹	32 72.630(8) Ge Germanium Ar 3d ¹⁰ 4s ² 4p ²	33 74.922 As Arsenic Ar 3d ¹⁰ 4s ² 4p ³	34 78.971(8) Se Selenium Ar 3d ¹⁰ 4s ² 4p ⁴	35 79.904 Br Bromine Ar 3d ¹⁰ 4s ² 4p ⁵	36 83.798(2) Kr Krypton Ar 3d ¹⁰ 4s ² 4p ⁶
37 85.468 Rb Rubidium Kr 5s ¹	38 87.62 Sr Strontium Kr 5s ²	39 88.906 Y Yttrium Kr 4d ¹ 5s ²	40 91.224(2) Zr Zirconium Kr 4d ² 5s ²	41 92.906 Nb Niobium Kr 4d ⁴ 5s ¹	42 95.95 Mo Molybdenum Kr 4d ⁵ 5s ¹	43 95.95 Tc Technetium Kr 4d ⁵ 5s ¹	44 101.07(2) Ru Ruthenium Kr 4d ⁷ 5s ¹	45 102.91 Rh Rhodium Kr 4d ⁸ 5s ¹	46 106.42 Pd Palladium Kr 4d ¹⁰	47 107.87 Ag Silver Kr 4d ¹⁰ 5s ¹	48 112.41 Cd Cadmium Kr 4d ¹⁰ 5s ²	49 114.82 In Indium Kr 4d ¹⁰ 5s ² 5p ¹	50 118.71 Sn Tin Kr 4d ¹⁰ 5s ² 5p ²	51 121.76 Sb Antimony Kr 4d ¹⁰ 5s ² 5p ³	52 127.60(3) Te Tellurium Kr 4d ¹⁰ 5s ² 5p ⁴	53 126.90 I Iodine Kr 4d ¹⁰ 5s ² 5p ⁵	54 131.29 Xe Xenon Kr 4d ¹⁰ 5s ² 5p ⁶
55 132.91 Cs Caesium Xe 6s ¹	56 137.33 Ba Barium Xe 6s ²	57-71 Lanthanides Lanthanoiden Lantánidos	72 178.49(2) Hf Hafnium Xe 4f ¹⁴ 5d ² 6s ²	73 180.95 Ta Tantalum Xe 4f ¹⁴ 5d ³ 6s ²	74 183.84 W Tungsten Xe 4f ¹⁴ 5d ⁴ 6s ²	75 186.21 Re Rhenium Xe 4f ¹⁴ 5d ⁵ 6s ²	76 187.08 Os Osmium Xe 4f ¹⁴ 5d ⁶ 6s ²	77 192.22 Ir Iridium Xe 4f ¹⁴ 5d ⁷ 6s ²	78 195.08 Pt Platinum Xe 4f ¹⁴ 5d ⁹ 6s ¹	79 196.97 Au Gold Xe 4f ¹⁴ 5d ¹⁰ 6s ¹	80 200.59 Hg Mercury Xe 4f ¹⁴ 5d ¹⁰ 6s ²	81 204.38 Tl Thallium Xe 4f ¹⁴ 5d ¹⁰ 6s ² 6p ¹	82 207.2 Pb Lead Xe 4f ¹⁴ 5d ¹⁰ 6s ² 6p ²	83 208.98 Bi Bismuth Xe 4f ¹⁴ 5d ¹⁰ 6s ² 6p ³	84 209 Po Polonium Xe 4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁴	85 209 At Astatine Xe 4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁵	86 210 Rn Radon Xe 4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁶
87 223 Fr Francium Rn 7s ¹	88 226 Ra Radium Rn 7s ²	89-103 Actinides Actinoiden Actínidos	104 261 Rf Rutherfordium Rn 5f ¹⁴ 6d ² 7s ²	105 262 Db Dubnium Rn 5f ¹⁴ 6d ³ 7s ²	106 263 Sg Seaborgium Rn 5f ¹⁴ 6d ⁴ 7s ²	107 264 Bh Bohrium Rn 5f ¹⁴ 6d ⁵ 7s ²	108 265 Hs Hassium Rn 5f ¹⁴ 6d ⁶ 7s ²	109 266 Mt Meitnerium	110 267 Ds Darmstadtium	111 268 Rg Roentgenium	112 269 Cn Copernicium	113 270 Nh Nihonium	114 271 Fl Flerovium	115 272 Mc Moscovium	116 273 Lv Livermorium	117 274 Ts Tennessine	118 276 Og Oganesson

57 138.91 La Lanthanum Xe 5d ¹ 6s ²	58 140.12 Ce Cerium Xe 4f ¹ 5d ¹ 6s ²	59 140.91 Pr Praseodymium Xe 4f ³ 6s ²	60 144.24 Nd Neodymium Xe 4f ⁴ 6s ²	61 147.07 Pm Promethium Xe 4f ⁵ 6s ²	62 150.36(2) Sm Samarium Xe 4f ⁶ 6s ²	63 151.96 Eu Europium Xe 4f ⁷ 6s ²	64 157.25(3) Gd Gadolinium Xe 4f ⁷ 5d ¹ 6s ²	65 158.93 Tb Terbium Xe 4f ⁹ 6s ²	66 162.50 Dy Dysprosium Xe 4f ¹⁰ 6s ²	67 164.93 Ho Holmium Xe 4f ¹¹ 6s ²	68 167.26 Er Erbium Xe 4f ¹² 6s ²	69 168.93 Tm Thulium Xe 4f ¹³ 6s ²	70 173.05 Yb Ytterbium Xe 4f ¹⁴ 6s ²	71 174.97 Lu Lutetium Xe 4f ¹⁴ 5d ¹ 6s ²
89 227 Ac Actinium Rn 6d ¹ 7s ²	90 232.04 Th Thorium Rn 6d ² 7s ²	91 231.04 Pa Protactinium Rn 5f ² 6d ¹ 7s ²	92 238.03 U Uranium Rn 5f ³ 6d ¹ 7s ²	93 238.03 Np Neptunium Rn 5f ⁴ 6d ¹ 7s ²	94 244.06 Pu Plutonium Rn 5f ⁶ 7s ²	95 247.07 Am Americium Rn 5f ⁷ 7s ²	96 251.08 Cm Curium Rn 5f ⁷ 6d ¹ 7s ²	97 252.08 Bk Berkelium Rn 5f ⁹ 7s ²	98 257.10 Cf Californium Rn 5f ¹⁰ 7s ²	99 258.10 Es Einsteinium Rn 5f ¹¹ 7s ²	100 259.10 Fm Fermium Rn 5f ¹² 7s ²	101 262.10 Md Mendelevium Rn 5f ¹³ 7s ²	102 265.10 No Nobelium Rn 5f ¹⁴ 7s ²	103 269.10 Lr Lawrencium Rn 5f ¹⁴ 6d ¹ 7s ²

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Inorganic Chemistry

Note: The last significant figure of each atomic weight value is considered reliable to ±1 except when a larger single digit uncertainty is inserted in parentheses. No values are listed for elements which lack isotopes with a characteristic isotopic abundance in natural terrestrial samples.



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