

PERIODIC TABLE OF THE ELEMENTS

<http://www.ktf-split.hr/periodni/en/>

| PERIOD | GROUP | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|--------|-------|---------------------------------|----------------------------------|-------------------------------------|-------------------------------------|---------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---------------------------------|----------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------|-------------------------------|
| | | IA | IIA | IIIB | IVB | VB | VIB | VII B | VIII B | VIII B | VIII B | IB | IIB | IIIA | IVA | VA | VIA | VIIA | VIIIA |
| 1 | | 1.0079 H HYDROGEN | | | | | | | | | | | | | | | | | 4.0026 He HELIUM |
| 2 | | 6.941 Li LITHIUM | 9.0122 Be BERYLLIUM | | | | | | | | | | | 10.811 B BORON | 12.011 C CARBON | 14.007 N NITROGEN | 15.999 O OXYGEN | 18.998 F FLUORINE | 20.180 Ne NEON |
| 3 | | 22.990 Na SODIUM | 24.305 Mg MAGNESIUM | | | | | | | | | | | 26.982 Al ALUMINIUM | 28.086 Si SILICON | 30.974 P PHOSPHORUS | 32.065 S SULPHUR | 35.453 Cl CHLORINE | 39.948 Ar ARGON |
| 4 | | 39.098 K POTASSIUM | 40.078 Ca CALCIUM | 44.956 Sc SCANDIUM | 47.867 Ti TITANIUM | 50.942 V VANADIUM | 51.996 Cr CHROMIUM | 54.938 Mn MANGANESE | 55.845 Fe IRON | 58.933 Co COBALT | 58.693 Ni NICKEL | 63.546 Cu COPPER | 65.39 Zn ZINC | 69.723 Ga GALLIUM | 72.64 Ge GERMANIUM | 74.922 As ARSENIC | 78.96 Se SELENIUM | 79.904 Br BROMINE | 83.80 Kr KRYPTON |
| 5 | | 85.468 Rb RUBIDIUM | 87.62 Sr STRONTIUM | 88.906 Y YTTRIUM | 91.224 Zr ZIRCONIUM | 92.906 Nb NIOBIUM | 95.94 Mo MOLYBDENUM | (98) Tc TECHNETIUM | 101.07 Ru RUTHENIUM | 102.91 Rh RHODIUM | 106.42 Pd PALLADIUM | 107.87 Ag SILVER | 112.41 Cd CADMIUM | 114.82 In INDIUM | 118.71 Sn TIN | 121.76 Sb ANTIMONY | 127.60 Te TELLURIUM | 126.90 I IODINE | 131.29 Xe XENON |
| 6 | | 132.91 Cs CAESIUM | 137.33 Ba BARIUM | 57-71 La-Lu Lanthanide | 178.49 Hf HAFNIUM | 180.95 Ta TANTALUM | 183.84 W TUNGSTEN | 186.21 Re RHENIUM | 190.23 Os OSMIUM | 192.22 Ir IRIDIUM | 195.08 Pt PLATINUM | 196.97 Au GOLD | 200.59 Hg MERCURY | 204.38 Tl THALLIUM | 207.2 Pb LEAD | 208.98 Bi BISMUTH | (209) Po POLONIUM | (210) At ASTATINE | (222) Rn RADON |
| 7 | | (223) Fr FRANCIUM | (226) Ra RADIUM | 89-103 Ac-Lr Actinide | (261) Rf RUTHERFORDIUM | (262) Db DUBNIUM | (266) Sg SEABORGIUM | (264) Bh BOHRIUM | (277) Hs HASSIUM | (268) Mt MEITNERIUM | (281) Uun UNUNNIUM | (272) Uuu UNUNUNIUM | (285) Uub UNUNBIUM | | (289) Uuq UNUNQUADIUM | | | | |

RELATIVE ATOMIC MASS (1)

GROUP IUPAC GROUP CAS

ATOMIC NUMBER SYMBOL ELEMENT NAME

STANDARD STATE (100 °C; 101 kPa)

Ne - gas Fe - solid
Ga - liquid Tc - synthetic

- Metal
- Semimetal
- Nonmetal
- 1 Alkali metal
- 2 Alkaline earth metal
- Transition metals
- Lanthanide
- Actinide
- 16 Chalcogens element
- 17 Halogens element
- 18 Noble gas

LANTHANIDE

| | | | | | | | | | | | | | | |
|-------------------------------------|----------------------------------|----------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|------------------------------------|--------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|----------------------------------|-----------------------------------|-------------------------------------|------------------------------------|
| 57 138.91 La LANTHANUM | 58 140.12 Ce CERIUM | 59 140.91 Pr PRASEODYMIUM | 60 144.24 Nd NEODYMIUM | 61 (145) Pm PROMETHIUM | 62 150.36 Sm SAMARIUM | 63 151.96 Eu EUROPIUM | 64 157.25 Gd GADOLINIUM | 65 158.93 Tb TERBIUM | 66 162.50 Dy DYSPROSIUM | 67 164.93 Ho HOLMIUM | 68 167.26 Er ERBIUM | 69 168.93 Tm THULIUM | 70 173.04 Yb YTTERBIUM | 71 174.97 Lu LUTETIUM |
|-------------------------------------|----------------------------------|----------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|------------------------------------|--------------------------------------|-----------------------------------|--------------------------------------|-----------------------------------|----------------------------------|-----------------------------------|-------------------------------------|------------------------------------|

ACTINIDE

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|-----------------------------------|-----------------------------------|----------------------------------------|----------------------------------|------------------------------------|------------------------------------|------------------------------------|---------------------------------|------------------------------------|--------------------------------------|--------------------------------------|-----------------------------------|---------------------------------------|------------------------------------|--------------------------------------|
| 89 (227) Ac ACTINIUM | 90 232.04 Th THORIUM | 91 231.04 Pa PROTACTINIUM | 92 238.03 U URANIUM | 93 (237) Np NEPTUNIUM | 94 (244) Pu PLUTONIUM | 95 (243) Am AMERICIUM | 96 (247) Cm CURIUM | 97 (247) Bk BERKELIUM | 98 (251) Cf CALIFORNIUM | 99 (252) Es EINSTEINIUM | 100 (257) Fm FERMIUM | 101 (258) Md MENDELEVIUM | 102 (259) No NOBELIUM | 103 (262) Lr LAWRENCIUM |
|-----------------------------------|-----------------------------------|----------------------------------------|----------------------------------|------------------------------------|------------------------------------|------------------------------------|---------------------------------|------------------------------------|--------------------------------------|--------------------------------------|-----------------------------------|---------------------------------------|------------------------------------|--------------------------------------|

(1) Pure Appl. Chem., 73, No. 4, 667-683 (2001)
Relative atomic mass is shown with five significant figures. For elements that have no stable nuclides, the value enclosed in brackets indicates the mass number of the longest-lived isotope of the element.
However three such elements (Th, Pa, and U) do have a characteristic terrestrial isotopic composition, and for these an atomic weight is tabulated.