



Периодична таблица на химичните елементи

| IA | | | | | | | | | | | | VIIIA | | | | | |
|-------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| 1 H 1,0 | | | | | | | | | | | | | | | | | 2 He 4,0 |
| | IIA | | | | | | | | | | | IIIA | IVA | VA | VIA | VIIA | |
| 3 Li 7,0 | 4 Be 9,0 | | | | | | | | | | | 5 B 10,8 | 6 C 12,0 | 7 N 14,0 | 8 O 16,0 | 9 F 19,0 | 10 Ne 20,0 |
| 11 Na 23,0 | 12 Mg 24,3 | | | | | | | | | | | 13 Al 27,0 | 14 Si 28,0 | 15 P 31,0 | 16 S 32,0 | 17 Cl 35,5 | 18 Ar 40,0 |
| 19 K 39,0 | 20 Ca 40,0 | IIIB | IVB | VB | VIB | VIIIB | ← VIIIB → | | IB | IIB | | 31 Ga 69,7 | 32 Ge 72,6 | 33 As 75,0 | 34 Se 79,0 | 35 Br 80,0 | 36 Kr 84,0 |
| 23 V 51,0 | 24 Cr 52,0 | 25 Mn 55,0 | 26 Fe 56,0 | 27 Co 59,0 | 28 Ni 58,7 | 29 Cu 63,5 | 30 Zn 65,4 | 31 Ga 69,7 | 32 Ge 72,6 | 33 As 75,0 | 34 Se 79,0 | 35 Br 80,0 | 36 Kr 84,0 | | | | |
| 37 Rb 85,5 | 38 Sr 87,6 | 39 Y 89,0 | 40 Zr 91,2 | 41 Nb 93,0 | 42 Mo 96,0 | 43 Tc (97) | 44 Ru 101 | 45 Rh 103 | 46 Pd 106 | 47 Ag 108 | 48 Cd 112 | 49 In 115 | 50 Sn 119 | 51 Sb 122 | 52 Te 128,0 | 53 I 127 | 54 Xe 131 |
| 55 Cs 133 | 56 Ba 137 | 57 La 138,9 | 72 Hf 178 | 73 Ta 181 | 74 W 184 | 75 Re 186 | 76 Os 190 | 77 Ir 192 | 78 Pt 195 | 79 Au 197 | 80 Hg 201 | 81 Ti 204 | 82 Pb 207 | 83 Bi 209 | 84 Po (210) | 85 At (210) | 86 Rn (222) |
| 87 Fr (223) | 88 Ra 226 | 89 Ac (227) | 104 Rf | 105 Db | 106 Sg | 107 Bh | 108 Hs | 109 Mt | 110 xxx | 111 xxx | 112 xxx | | | | | | |

| | | | | | | | | | | | | | | |
|------------|-----------------|-----------------|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| лантаноиди | 58 Ce 140 | 59 Pr 141 | 60 Nd 140 | 61 Pm (147) | 62 Sm 150 | 63 Eu 152 | 64 Gd 157 | 65 Tb 159 | 66 Dy 162 | 67 Ho 165 | 68 Er 167 | 69 Tm 169 | 70 Yb 173 | 71 Lu 175 |
| | 90 Th 232 | 91 Pa 231 | 92 U 238 | 93 Np 237 | 94 Pu (244) | 95 Am (243) | 96 Cm (247) | 97 Bk (247) | 98 Cf (251) | 99 Es (254) | 100 Fm (257) | 101 Md (258) | 102 No (255) | 103 Lr (256) |

Разтворимост на соли, хидроксиди и киселини

| катиони аниони | H ⁺ | NH ₄ ⁺ | K ⁺ | Na ⁺ | Ag ⁺ | Ba ²⁺ | Ca ²⁺ | Mg ²⁺ | Zn ²⁺ | Cu ²⁺ | Pb ²⁺ | Fe ²⁺ | Fe ³⁺ | Al ³⁺ |
|----------------------------------|-------------------------------------------------------------------------------------|------------------------------|----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| OH ⁻ |  | ↑ | | | ↓ | | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Cl ⁻ | | | | | ↓ | | | | | | ↓ | | | |
| Br ⁻ | | | | | ↓ | | | | | | ↓ | | | |
| I ⁻ | | | | | ↓ | | | | | | ↓ | | | |
| S ²⁻ | ↑ | | | | ↓ | — | — | — | ↓ | ↓ | ↓ | ↓ | — | — |
| SO ₃ ²⁻ | ↑ | | | | ↓ | ↓ | ↓ | ↓ | ↓ | — | ↓ | ↓ | — | — |
| SO ₄ ²⁻ | | | | | ↓ | ↓ | ↓ | | | | ↓ | | | |
| NO ₃ ⁻ | | | | | | | | | | | | | | |
| PO ₄ ³⁻ | | | | | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | — | ↓ | ↓ |
| CO ₃ ²⁻ | ↑ | | | | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | — | — |
| CH ₃ COO ⁻ |  | | | | | | | | | | | | | |

Разтворимо
вещество



Утайка



Газ



Малко разтворимо
вещество



Взаимодействие с
вода



Слаб електролит

