

Wichtige chemische Elemente in vier Gruppen einordnen

Metalle	Halbmetalle	Nichtmetalle	Edelgase
Aluminium (Al) Blei (Pb) Calcium (Ca) Chrom (Cr) Eisen (Fe) Gold (Au) Kalium (K) Kupfer (Cu) Magnesium (Mg) Natrium (Na) Nickel (Ni) Platin (Pt) Plutonium (Pu) * Quecksilber (Hg) Silber (Ag) Titan (Ti) Uran (U) * Wolfram (W) Zink (Zn) Zinn (Sn)	Arsen (As) Silicium (Si)	Chlor (Cl) Fluor (F) Jod (I) Kohlenstoff (C) Phosphor (P) Sauerstoff (O) Schwefel (S) Stickstoff (N) Wasserstoff (H)	Argon (Ar) Helium (He) Neon (Ne) Xenon (Xe)

Metalle (rot), Halbmetalle (grün) , Nichtmetalle (blau), Edelgase (gelb)

1 H 1.008	Periodensystem																2 He 4.003
3 Li 6.941	4 Be 9.012											5 B 10.811	6 C 12.011	7 N 14.007	8 O 15.999	9 F 18.998	10 Ne 20.180
11 Na 22.990	12 Mg 24.305											13 Al 26.982	14 Si 28.086	15 P 30.974	16 S 32.066	17 Cl 35.453	18 Ar 39.948
19 K 39.098	20 Ca 40.078	21 Sc 44.956	22 Ti 47.88	23 V 50.942	24 Cr 51.996	25 Mn 54.93	26 Fe 55.847	27 Co 58.933	28 Ni 58.69	29 Cu 63.546	30 Zn 65.39	31 Ga 69.723	32 Ge 72.61	33 As 74.922	34 Se 78.96	35 Br 79.904	36 Kr 83.80
37 Rb 85.468	38 Sr 87.62	39 Y 88.906	40 Zr 91.224	41 Nb 92.906	42 Mo 95.94	43 Tc (98)	44 Ru 101.07	45 Rh 102.906	46 Pd 106.42	47 Ag 107.868	48 Cd 112.411	49 In 114.82	50 Sn 118.72	51 Sb 121.75	52 Te 127.60	53 I 126.906	54 Xe 131.29
55 Cs 132.905	56 Ba 137.327	71 Lu 174.967	72 Hf 178.49	73 Ta 180.948	74 W 183.85	75 Re 186.207	76 Os 190.2	77 Ir 192.22	78 Pt 195.08	79 Au 196.967	80 Hg 200.59	81 Tl 204.383	82 Pb 207.2	83 Bi 209.980	84 Po (209)	85 At (210)	86 Rn (222)
87 Fr (223)	88 Ra 226.025	103 Lr (262)	104 (261)	105 (262)	106 (263)	107 (262)	108 (265)	109 (268)	110 (269)	111 (272)	112 (277)						

57 La 138.906	58 Ce 140.115	59 Pr 140.908	60 Nd 144.24	61 Pm (145)	62 Sm 150.36	63 Eu 151.965	64 Gd 157.25	65 Tb 158.925	66 Dy 162.50	67 Ho 164.93	68 Er 167.26	69 Tm 168.934	70 Yb 173.04
89 Ac 227.028	90 Th 232.038	91 Pa 231.036	92 U 238.029	93 Np 237.048	94 Pu (244)	95 Am (243)	96 Cm (247)	97 Bk (247)	98 Cf (251)	99 Es (252)	100 Fm (257)	101 Md (260)	102 No (259)