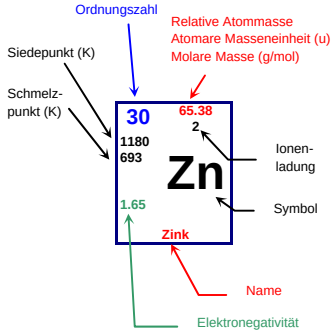
Periodensystem der Elemente

I	II	III	IV	V	VI	VII	VIII
1 H 1.0079 1 20.3 14 2.20 Wasserstoff							2 He 4.0026 2 4.22 1, 26 / Helium
3 Li 6.941 1 1615 454 0.98 Lithium	4 Be 9.01218 2 2745 1560 1.57 Beryllium	5 B 10.81 3 4275 2300 2.04 Bor	6 C 12.011 4470 4100 2.55 Kohlenstoff	7 N 14.0067 77.4 63.1 3.04 Stickstoff	8 O 15.9994 90.2 50.4 3.44 Sauerstoff	9 F 18.998403 85 53.5 3.98 Fluor	10 Ne 20.179 27.1 24.6 / Neon
11 Na 22.98977 1 1156 371 0.93 Natrium	12 Mg 24.305 2 1363 922 1.31 Magnesium	13 Al 26.98154 3 2793 933 1.61 Aluminium	14 Si 28.0855 4 3540 1685 1.90 Silicium	15 P 30.97376 550 317 2.19 Phosphor	16 S 32.06 718 388 2.58 Schwefel	17 Cl 35.453 239 172 3.16 Chlor	18 Ar 39.948 87.3 83.8 / Argon
19 K 39.0983 1 1032 336 0.82 Kalium	20 Ca 40.08 2 1757 1112 1.00 Calcium	21 Sc 44.9559 3 3104 1812 1.36 Scandium	22 Ti 47.9 4,3 3562 1943 1.54 Titan	23 V 50.9415 5,4,3,2 3682 2175 1.63 Vanadium	24 Cr 51.996 6,3,2 2945 2130 1.66 Chrom	25 Mn 54.938 7,6,4,2,3 2335 1517 1.55 Mangan	26 Fe 55.847 2,3 3135 1809 1.83 Eisen
27 Co 58.9332 2,3 3201 1768 1.88 Kobalt	28 Ni 58.7 2,3 3187 1726 1.91 Nickel	29 Cu 63.546 2,1 2836 1358 1.90 Kupfer	30 Zn 65.38 2 1180 693 1.65 Zink	31 Ga 69.72 3 2478 303 1.81 Gallium	32 Ge 72.59 4 3107 1210 2.01 Germanium	33 As 74.9216 ±3,5 876 1081 2.18 Arsen	34 Se 78.96 958 494 2.55 Selen
35 Br 79.904 332 266 2.96 Brom	36 Kr 83.8 120 116 / Krypton						
37 Rb 85.4678 1 961 313 0.82 Rubidium	38 Sr 87.62 2 1650 1041 0.95 Strontium	39 Y 88.9059 3 3611 1799 1.22 Yttrium	40 Zr 91.22 4 4682 2125 1.33 Zirkonium	41 Nb 92.9064 5,3 5017 2740 1.60 Niob	42 Mo 95.94 6,5,4,3,2 4912 2890 2.16 Molybdän	43 *Tc* [98] 7 4538 2473 1.90 Technetium	44 Ru 101.07 2,3,4,6,8 4423 2523 2.20 Ruthenium
45 Rh 102.9055 2,3,4 3970 2236 2.28 Rhodium	46 Pd 106.4 2,4 3237 1825 2.20 Palladium	47 Ag 107.868 1 2436 1234 1.93 Silber	48 Cd 112.41 2 1040 594 1.69 Cadmium	49 In 114.82 3 2346 430 1.78 Indium	50 Sn 118.69 4,2 2876 505 1.96 Zinn	51 Sb 121.75 ±3,5 1860 904 2.05 Antimon	52 Te 127.6 4,6,-2 1261 723 2.10 Tellur
53 I 126.9045 458 387 2.66 Iod	54 Xe 131.3 165 161 / Xenon						
55 Cs 132.9054 1 944 302 0.79 Cäsium	56 Ba 137.33 2 2171 1002 0.89 Barium	57 La 138.9055 3 3730 1193 1.10 Lanthan	72 Hf 178.49 4 4876 2500 1.30 Hafnium	73 Ta 180.9479 5 5731 3287 1.50 Tantal	74 W 183.85 6,5,4,3,2 5828 3680 2.36 Wolfram	75 Re 186.207 7,6,4,2,-1 5869 3453 1.90 Rhenium	76 Os 190.2 2,3,4,6,8 5285 3300 2.20 Osmium
77 Ir 192.22 2,3,4,6 4701 2716 2.20 Iridium	78 Pt 195.09 2,4 4100 2045 2.28 Platin	79 Au 196.9665 3,1 3130 1338 2.54 Gold	80 Hg 200.59 2,1 630 234 2.00 Quecksilber	81 Tl 204.37 3,1 1746 577 2.04 Thallium	82 Pb 207.2 4,2 2023 601 2.33 Blei	83 Bi 208.9804 3,5 1837 545 2.02 Bismut	84 Po [209] 4,2 1235 527 2.00 Polonium
85 At [210] 610 575 2.20 Astat	86 Rn [222] 211 202 / Radon						
87 Fr [223] 1 950 300 0.70 Francium	88 Ra 226.0254 2 1809 973 0.90 Radium	89 Ac 227.0278 3 3473 1323 1.10 Actinium					

Symbol schwarz: fest
Symbol blau: flüssig
Symbol rot: gasförmig



58 Ce 140.12 3699 1071 Cer	59 Pr 140.9077 Praseodymium	60 Nd 144.24 Neodymium	61 *Pm* [145] Promethium	62 Sm 150.4 Samarium	63 Eu 151.96 Europium	64 Gd 157.25 Gadolinium	65 Tb 158.9254 Terbium	66 Dy 162.5 Dysprosium	67 Ho 164.9304 Holmium	68 Er 167.26 Erbium	69 Tm 168.9342 Thulium	70 Yb 173.04 Ytterbium	71 Lu 174.967 Lutetium
90 Th 232.0381 Thorium	91 Pa 231.0359 Protactinium	92 U 238.029 4407 1405 Uran	93 *Np* 237-0482 Neptunium	94 *Pu* [244] 3503 913 Plutonium	95 *Am* [243] Americium	96 *Cm* [247] Curium	97 *Bk* [247] Berkelium	98 *Cf* [251] Californium	99 *Es* [252] Einsteinium	100 *Fm* [257] Fermium	101 *Md* [258] Medelevium	102 *No* [259] Nobelium	103 *Lr* [260] Lawrencium