

1 1,008 0,00(1) H Wasserstoff	2 4,0026 He Helium
3 6,94 -3,040(1) [He]2s ¹ 181 / 1347 Li Lithium	4 9,0122 -1,79(2) [He]2s ² 1278 / 2470 Be Beryllium
11 22,990 -2,713(1) [Ne]3s ¹ 98 / 883 Na Natrium	12 24,305 -2,356(2) [Ne]3s ² 649 / 1107 Mg Magnesium
19 39,098 -2,925(1) [Ar]4s ¹ 63 / 760 K Kalium	20 40,078 -2,84(2) [Ar]4s ² 839 / 1484 Ca Calcium
21 44,956 -2,03(3) [Ar]3d ¹ 4s ² 1541 / 2836 Sc Scandium	22 47,867 -1,43(2) [Ar]3d ² 4s ² 1668 / 3262 Ti Titan
23 50,942 -1,186(2) [Ar]3d ³ 4s ² 1890 / 3378 V Vanadium	24 51,996 -0,913(2) [Ar]3d ³ 4s ¹ 1890 / 2640 Cr Chrom
25 54,938 -1,180(2) [Ar]3d ⁵ 4s ¹ 1244 / 2032 Mn Mangan	26 55,845 -0,440(2) [Ar]3d ⁵ 4s ² 1535 / 2750 Fe Eisen
27 58,933 -0,277(2) [Ar]3d ⁶ 4s ² 1495 / 2870 Co Cobalt	28 58,693 -0,257(2) [Ar]3d ⁷ 4s ² 1453 / 2732 Ni Nickel
29 63,546 0,340(2) [Ar]3d ⁹ 4s ¹ 1083 / 2595 Cu Kupfer	30 65,38 -0,763(2) [Ar]3d ¹⁰ 4s ¹ 420 / 907 Zn Zink
31 69,723 -0,529(3) [Ar]3d ¹⁰ 4s ¹ 4p ¹ 30 / 2403 Ga Gallium	32 72,63 -0,036(4) [Ar]3d ¹⁰ 4s ² 4p ² 937 / 2830 Ge Germanium
33 74,922 0,240(3) [Ar]3d ¹⁰ 4s ² 4p ³ 817 / 615 sub. As Arsen	34 78,96 -0,40(-2) [Ar]3d ¹⁰ 4s ² 4p ⁴ 217 / 685 Se Selen
35 79,904 1,065(-1) [Ar]3d ¹⁰ 4s ² 4p ⁵ -7 / 59 Br Brom	36 83,798 3 [Ar]3d ¹⁰ 4s ² 4p ⁶ -157 / -153 Kr Krypton
37 85,468 -2,924(1) [Kr]5s ¹ 39 / 688 Rb Rubidium	38 87,62 -2,89(2) [Kr]5s ² 769 / 1384 Sr Strontium
39 88,906 -2,37(3) [Kr]4d ¹ 5s ² 1522 / 3338 Y Yttrium	40 91,224 -1,55(4) [Kr]4d ² 5s ² 1852 / 4377 Zr Zirkonium
41 92,906 -1,099(3) [Kr]4d ³ 5s ² 2468 / 4928 Nb Niob	42 95,962 -0,20(3) [Kr]4d ⁴ 5s ² 2617 / 4825 Mo Molybdän
43 98,906 0,28(4) [Kr]4d ⁵ 5s ¹ 2172 / 4877 Tc Technetium	44 101,07 0,623(3) [Kr]4d ⁵ 5s ² 2310 / 3900 Ru Ruthenium
45 102,91 -0,74(3) [Kr]4d ⁶ 5s ¹ 1966 / 3730 Rh Rhodium	46 106,42 0,915(2) [Kr]4d ⁶ 5s ² 1554 / 3140 Pd Palladium
47 107,87 0,799(1) [Kr]4d ⁹ 5s ¹ 962 / 2163 Ag Silber	48 112,41 -0,403(2) [Kr]4d ¹⁰ 5s ² 321 / 765 Cd Cadmium
49 114,82 -0,343(3) [Kr]4d ¹⁰ 5s ¹ 5p ¹ 157 / 2080 In Indium	50 118,71 -0,137(2) [Kr]4d ¹⁰ 5s ² 5p ² 232 B / 2687 Sn Zinn
51 121,76 0,150(3) [Kr]4d ¹⁰ 5s ² 5p ³ 631 A / 1635 Sb Antimon	52 127,60 -0,69(-2) [Kr]4d ¹⁰ 5s ² 5p ⁴ 450 / 990 Te Tellur
53 126,90 0,536(-1) [Kr]4d ¹⁰ 5s ² 5p ⁵ 114 / 184 I Iod	54 131,29 2,6 [Kr]4d ¹⁰ 5s ² 5p ⁶ -112 / -108 Xe Xenon
55 132,91 -2,923(1) [Xe]6s ¹ 28 / 678 Cs Caesium	56 137,33 -2,92(2) [Xe]6s ² 725 / 1696 Ba Barium
72 178,49 -1,70(4) [Xe]4f ¹⁴ 5d ¹ 6s ² 2227 / 4602 Hf Hafnium	73 180,95 -0,812(5) [Xe]4f ¹⁴ 5d ² 6s ² 2996 / 5425 Ta Tantal
74 183,84 -0,199(4) [Xe]4f ¹⁴ 5d ³ 6s ² 3410 / 5657 W Wolfram	75 186,21 0,22(4) [Xe]4f ¹⁴ 5d ⁴ 6s ² 3180 / 5630 Re Rhenium
76 190,23 0,687(4) [Xe]4f ¹⁴ 5d ⁵ 6s ² 3054 / 5027 Os Osmium	77 192,22 1,156(3) [Xe]4f ¹⁴ 5d ⁶ 6s ² 2410 / 4530 Ir Iridium
78 195,08 1,188(2) [Xe]4f ¹⁴ 5d ⁷ 6s ¹ 1772 / 3827 Pt Platin	79 196,97 1,691(1) [Xe]4f ¹⁴ 5d ⁹ 6s ¹ 1064 / 2808 Au Gold
80 200,59 0,860(2) [Xe]4f ¹⁴ 5d ¹⁰ 6s ² -39 / 357 Hg Quecksilber	81 204,38 -0,336(1) [Xe]4f ¹⁴ 5d ¹⁰ 6s ¹ 6p ¹ 303 / 1457 Tl Thallium
82 207,2 -0,125(2) [Xe]4f ¹⁴ 5d ¹⁰ 6s ² 6p ² 328 / 1740 Pb Blei	83 208,98 0,317(3) [Xe]4f ¹⁴ 5d ¹⁰ 6s ² 6p ³ 271 / 1560 Bi Bismut
84 209,98 <-1,0(-2) [Xe]4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁴ 254 / 962 Po Polonium	85 210,99 0,25(-1) [Xe]4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁵ 302 / 370 At Astat
86 222,02 -71 / -62 [Xe]4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁶ -71 / -62 Rn Radon	104 267,12 [Rn]5f ¹⁴ 6d ² 7s ² Rf Rutherfordium
105 268,13 [Rn]5f ¹⁴ 6d ³ 7s ² Db Dubnium	106 271,13 [Rn]5f ¹⁴ 6d ⁴ 7s ² Sg Seaborgium
107 267,13 [Rn]5f ¹⁴ 6d ⁵ 7s ² Bh Bohrium	108 277,15 [Rn]5f ¹⁴ 6d ⁶ 7s ² Hs Hassium
109 276,15 [Rn]5f ¹⁴ 6d ⁷ 7s ² Mt Meitnerium	110 281,16 [Rn]5f ¹⁴ 6d ⁸ 7s ¹ Ds Darmstadtium
111 280,16 [Rn]5f ¹⁴ 6d ⁹ 7s ¹ Rg Roentgenium	112 285,17 [Rn]5f ¹⁴ 6d ¹⁰ 7s ² Cn Copernicium
113 284,18 [Rn]5f ¹⁴ 6d ¹⁰ 7s ² 7p ¹ Nh Nihonium	114 289,19 [Rn]5f ¹⁴ 6d ¹⁰ 7s ² 7p ² Fl Flerovium
115 288,19 [Rn]5f ¹⁴ 6d ¹⁰ 7s ² 7p ³ Mc Moscovium	116 292,20 [Rn]5f ¹⁴ 6d ¹⁰ 7s ² 7p ⁴ Lv Livermorium
117 [294] [Rn]5f ¹⁴ 6d ¹⁰ 7s ² 7p ⁵ Ts Tenness	118 [294] [Rn]5f ¹⁴ 6d ¹⁰ 7s ² 7p ⁶ Og Oganesson

1 1,008
 -0,00(1)
H
 Wasserstoff

Ordnungszahl
 Normalpotential
 (Reduktionspotential)
 E° in V mit Oxidationsstufen (n)

Symbol
 Name

Relative Atommasse in u
 Elektronegativität (Pauling)
 Elektronenkonfiguration
 Schmelz- / Siedetemperatur in °C
 Oxidationszahlen
 häufigste

Nichtmetalle
 Alkalimetalle
 Erdalkalimetalle
 Übergangsmetalle
 Lanthanoide
 Actinoide
 Andere Metalle
 Halbmetalle
 Halogene
 Edelgase

57 138,91 +2,38(3) [Xe]5d ¹ 6s ² 920 / 3469 La Lanthan	58 140,12 -1,33(4) [Xe]4f ¹ 6s ² 798 / 3443 Ce Cer	59 140,91 -0,96(4) [Xe]4f ² 6s ² 931 / 3250 Pr Praseodym	60 144,24 -2,2(2) [Xe]4f ³ 6s ² 1024 / 3074 Nd Neodym	61 146,92 -2,29(3) [Xe]4f ⁴ 6s ² 931 / 2730 Pm Promethium	62 150,36 -2,67(2) [Xe]4f ⁵ 6s ² 1074 / 1794 Sm Samarium	63 151,96 -2,80(2) [Xe]4f ⁶ 6s ² 826 / 1439 Eu Europium	64 157,25 -2,28(3) [Xe]4f ⁷ 6s ² 1312 / 3273 Gd Gadolinium	65 158,93 -2,31(3) [Xe]4f ⁷ 6s ² 1356 / 3230 Tb Terbium	66 162,50 -2,29(3) [Xe]4f ⁸ 6s ² 1407 / 2562 Dy Dysprosium	67 164,93 -2,33(3) [Xe]4f ⁹ 6s ² 1474 / 2720 Ho Holmium	68 167,26 -2,32(3) [Xe]4f ¹⁰ 6s ² 1497 / 2863 Er Erbium	69 168,93 -2,32(3) [Xe]4f ¹¹ 6s ² 1545 / 1947 Tm Thulium	70 173,05 -2,22(3) [Xe]4f ¹² 6s ² 819 / 1196 Yb Ytterbium	71 174,97 -2,30(3) [Xe]4f ¹³ 6s ² 1663 / 3395 Lu Lutetium
89 227,03 -2,13(3) [Rn]6d ¹ 7s ² 1050 / 3200 Ac Actinium	90 232,04 -1,83(4) [Rn]5f ¹ 6d ¹ 7s ² 1750 / 4788 Th Thorium	91 231,04 -1,19(5) [Rn]5f ² 6d ¹ 7s ² 1845 / 4027 Pa Protactinium	92 238,05 -0,836(3) [Rn]5f ³ 6d ¹ 7s ² 1132 / 3930 U Uran	93 237,05 -1,01(5) [Rn]5f ⁴ 6d ¹ 7s ² 630 / 3902 Np Neptunium	94 244,06 -1,25(4) [Rn]5f ⁵ 6d ¹ 7s ² 641 / 3232 Pu Plutonium	95 243,06 -1,95(2) [Rn]5f ⁶ 7s ² 994 / 2607 Am Americium	96 248,07 -2,06(3) [Rn]5f ⁷ 6d ¹ 7s ² 1340 / 3110 Cm Curium	97 249,08 -1,96(3) [Rn]5f ⁷ 6s ² 986 / 2950 Bk Berkelium	98 252,08 -1,91(3) [Rn]5f ⁸ 6s ² 950 / - Cf Californium	99 254,09 -1,98(3) [Rn]5f ⁹ 6s ² 860 / - Es Einsteinium	100 257,1 -2,5(2) [Rn]5f ¹⁰ 6s ² 900 / - Fm Fermium	101 260,10 -2,53(2) [Rn]5f ¹¹ 6s ² - / - Md Mendelevium	102 259,10 -2,4(2) [Rn]5f ¹² 6s ² - / - No Nobelium	103 262,11 -2,1(3) [Rn]5f ¹³ 6d ¹ 7s ² - / - Lr Lawrencium