

1 1,008 0,00(1) 1s ¹ -259 / -253 1,-1 H Wasserstoff	4 9,0122 -1,79(2) 1,57 [He]2s ² 1278 / 2470 Be Beryllium	11 22,990 -2,713(1) 0,93 [Ne]3s ¹ 98 / 883 Na Natrium	12 24,305 -2,356(2) 1,31 [Ne]3s ² 649 / 1107 Mg Magnesium
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1 **1,008**
 Ordnungszahl Relative Atommasse in u
-0,00(1) **2,20**
 Normalpotential Elektronegativität (Pauling)
 (Reduktionspotential)
1s¹
 Elektronenkonfiguration
E⁰ in V mit Oxidationsstufen (n)
-259 / -253
 Schmelz- / Siedetemperatur in °C
H
 Symbol Oxidationszahlen
 häufigste
1,-1
 Name **Wasserstoff**

19 39,098 -2,925(1) 0,82 [Ar]4s ¹ 63 / 760 K Kalium	20 40,078 -2,84(2) 1 [Ar]4s ² 839 / 1484 Ca Calcium	21 44,956 -2,03(3) 1,36 [Ar]3d ¹ 4s ² 1541 / 2836 Sc Scandium	22 47,867 -1,63(2) 1,54 [Ar]3d ² 4s ² 1668 / 3262 Ti Titan	23 50,942 -1,186(2) 1,63 [Ar]3d ² 4s ² 1890 / 3378 V Vanadium	24 51,996 -0,913(2) 1,66 [Ar]3d ³ 4s ¹ 1890 / 2640 Cr Chrom	25 54,938 -1,180(2) 1,55 [Ar]3d ⁵ 4s ¹ 1244 / 2032 Mn Mangan	26 55,845 -0,440(2) 1,83 [Ar]3d ⁵ 4s ¹ 1535 / 2750 Fe Eisen	27 58,933 -0,277(2) 1,88 [Ar]3d ⁶ 4s ² 1495 / 2870 Co Cobalt	28 58,693 -0,257(2) 1,91 [Ar]3d ⁷ 4s ² 1453 / 2732 Ni Nickel	29 63,546 0,340(2) 1,9 [Ar]3d ⁸ 4s ¹ 1083 / 2595 Cu Kupfer	30 65,38 -0,763(2) 1,65 [Ar]3d ¹⁰ 4s ¹ 420 / 907 Zn Zink	31 69,723 -0,529(3) 1,81 [Ar]3d ¹⁰ 4s ² 4p ¹ 30 / 2403 Ga Gallium	32 72,63 -0,036(4) 2,01 [Ar]3d ¹⁰ 4s ² 4p ² 937 / 2830 Ge Germanium	33 74,922 0,240(3) 2,18 [Ar]3d ¹⁰ 4s ² 4p ³ 817 / 615 sub. 5, 3, -3 As Arsen	34 78,96 -0,40(-2) 2,55 [Ar]3d ¹⁰ 4s ² 4p ⁴ 217 / 685 6, 4, -2 Se Selen	35 79,904 1,065(-1) 2,96 [Ar]3d ¹⁰ 4s ² 4p ⁵ -7 / 59 7, 5, 3 1, -1 Br Brom	36 83,798 0,25(-1) 3 [Ar]3d ¹⁰ 4s ² 4p ⁶ -157 / -153 Kr Krypton
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57 138,91 -2,38(3) 1,1 [Xe]5d ¹ 6s ² 920 / 3469 La Lanthan	58 140,12 -1,33(4) 1,12 [Xe]4f ¹ 6s ² 798 / 3443 Ce Cer	59 140,91 -0,96(4) 1,13 [Xe]4f ² 6s ² 931 / 3250 Pr Praseodym	60 144,24 -2,2(2) 1,14 [Xe]4f ³ 6s ² 1024 / 3074 Nd Neodym	61 146,92 -2,29(3) 1,13 [Xe]4f ⁴ 6s ² 931 / 2730 Pm Promethium	62 150,36 -2,67(2) 1,17 [Xe]4f ⁵ 6s ² 1074 / 1794 Sm Samarium	63 151,96 -2,80(2) 1,2 [Xe]4f ⁶ 6s ² 826 / 1439 Eu Europium	64 157,25 -2,28(3) 1,2 [Xe]4f ⁷ 6s ² 1312 / 3273 Gd Gadolinium	65 158,93 -2,31(3) 1,2 [Xe]4f ⁷ 6s ² 1356 / 3230 Tb Terbium	66 162,50 -2,29(3) 1,22 [Xe]4f ⁹ 6s ² 1407 / 2562 Dy Dysprosium	67 164,93 -2,33(3) 1,23 [Xe]4f ¹⁰ 6s ² 1474 / 2720 Ho Holmium	68 167,26 -2,32(3) 1,24 [Xe]4f ¹¹ 6s ² 1497 / 2863 Er Erbium	69 168,93 -2,32(3) 1,25 [Xe]4f ¹² 6s ² 1545 / 1947 Tm Thulium	70 173,05 -2,22(3) 1,1 [Xe]4f ¹³ 6s ² 819 / 1196 Yb Ytterbium	71 174,97 -2,30(3) 1,27 [Xe]4f ¹⁴ 6s ² 1663 / 3395 Lu Lutetium
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89 227,03 -2,13(3) 1,1 [Rn]6d ¹ 7s ² 1050 / 3200 Ac Actinium	90 232,04 -1,83(4) 1,3 [Rn]6d ² 7s ² 1750 / 4788 Th Thorium	91 231,04 -1,19(5) 1,5 [Rn]5f ¹ 6d ¹ 7s ² 1845 / 4027 Pa Protactinium	92 238,05 -0,836(3) 1,38 [Rn]5f ² 6d ¹ 7s ² 1132 / 3930 U Uran	93 237,05 -1,01(5) 1,36 [Rn]5f ³ 7s ² 630 / 3902 Np Neptunium	94 244,06 -1,25(4) 1,28 [Rn]5f ⁴ 7s ² 641 / 3232 Pu Plutonium	95 243,06 -1,95(2) 1,3 [Rn]5f ⁵ 7s ² 994 / 2607 Am Americium	96 248,07 -2,06(3) 1,3 [Rn]5f ⁶ 7s ² 1340 / 3110 Cm Curium	97 249,08 -1,94(3) 1,3 [Rn]5f ⁷ 7s ² 986 / 2950 Bk Berkelium	98 252,08 -1,91(3) 1,3 [Rn]5f ⁸ 7s ² 950 / - 860 / - 4, 3 Cf Californium	99 254,09 -1,98(3) 1,3 [Rn]5f ⁹ 7s ² 900 / - 900 / - 3 Es Einsteinium	100 257,1 -2,5(2) 1,3 [Rn]5f ¹⁰ 7s ² - / - 900 / - 3 Fm Fermium	101 260,10 -2,53(2) 1,3 [Rn]5f ¹¹ 7s ² - / - - / - 3 Md Mendelevium	102 259,10 -2,6(2) 1,3 [Rn]5f ¹² 7s ² - / - - / - 3, 2 No Nobelium	103 262,11 -2,1(3) 1,3 [Rn]5f ¹³ 7s ² - / - - / - 3 Lr Lawrencium
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