

Periodensystem der Elemente

1 0,00(1) 1s¹ -259 / -253		3 6,94 -3,040(1) [He] 2s² 181 / 1347		4 9,0122 -1,79(2) [He] 2s² 1278 / 2470		2 4,0026 1s¹ - / -269																							
H Wasserstoff		Li Lithium		Be Beryllium		He Helium																							
11 22,990 -2,713(1) [Ne] 3s¹ 98 / 883		12 24,305 -2,356(2) [Ne] 3s² 1278 / 2470																											
Na Natrium		Mg Magnesium																											
19 39,098 -2,925(1) [Ar] 4s¹ 98 / 883		20 40,078 -2,84(2) [Ar] 4s² 839 / 1484																											
K Kalium		Ca Calcium																											
37 85,468 -2,924(1) [Kr] 5s¹ 39 / 688		38 87,62 -2,89 [Kr] 5s² 769 / 1384																											
Rb Rubidium		Sr Strontium																											
55 132,91 -0,440(2) [Xe] 6s¹ 1535 / 2750		56 137,33 -0,440(2) [Xe] 6s² 1535 / 2750																											
Cs Caesium		Ba Barium																											
87 223,02 -2,9(1) [Rn] 7s¹ 27 / 677		88 228,03 -2,916(2) [Rn] 7s² 700 / 1140																											
Fr Francium		Ra Radium																											
104 267,12 [Rn] 5f¹⁴ 6d¹ 7s²		105 268,13 [Rn] 5f¹⁴ 6d¹ 4s²		106 271,13 [Rn] 5f¹⁴ 6d¹ 7s²		107 267,13 [Rn] 5f¹⁴ 6d¹ 7s²		108 277,15 [Rn] 5f¹⁴ 6d¹ 7s²		109 276,15 [Rn] 5f¹⁴ 6d¹ 7s²		110 281,16 [Rn] 5f¹⁴ 6d¹ 7s²		111 280,16 [Rn] 5f¹⁴ 6d¹ 7s²		112 285,17 [Rn] 5f¹⁴ 6d¹ 7s²		113 284,18 [Rn] 5f¹⁴ 6d¹ 7s² 7p¹		114 289,19 [Rn] 5f¹⁴ 6d¹ 7s² 7p²		115 288,19 [Rn] 5f¹⁴ 6d¹ 7s² 7p²		116 292,20 [Rn] 5f¹⁴ 6d¹ 7s² 7p³		117 (294) [Rn] 5f¹⁴ 6d¹ 7s² 7p³		118 (294) [Rn] 5f¹⁴ 6d¹ 7s² 7p³	
Rf Rutherfordium		Db Dubnium		Sg Seaborgium		Bh Bohrium		Hs Hassium		Mt Meitnerium		Ds Darmstadtium		Rg Roentgenium		Cn Copernicium		Uut Ununtrium		Fl Flerovium		Uup Ununpentium		Lv Livermorium		Uus Ununseptium		Uuo Ununoctium	
57 138,91 -2,38(3) [Xe] 5d¹ 6s² 920 / 3469		58 140,12 -1,33(4) [Xe] 4f¹ 6s² 798 / 3443		59 140,91 -0,96(4) [Xe] 4f¹ 6s² 931 / 3250		60 144,24 -2,29(3) [Xe] 4f² 6s² 1024 / 3074		61 146,92 -2,29(3) [Xe] 4f² 6s² 931 / 2730		62 150,36 -2,67(2) [Xe] 4f³ 6s² 1074 / 1794		63 151,96 -2,80(2) [Xe] 4f⁵ 6s² 826 / 1439		64 157,25 -2,28(3) [Xe] 4f⁶ 6s² 1312 / 3273		65 158,93 -2,31(3) [Xe] 4f⁷ 6s² 1356 / 3230		66 162,50 -2,29(3) [Xe] 4f⁷ 6s² 1407 / 2562		67 164,93 -2,33(3) [Xe] 4f⁹ 6s² 1474 / 2720		68 167,26 -2,32(3) [Xe] 4f¹⁰ 6s² 1497 / 2863		69 168,93 -2,32(3) [Xe] 4f¹¹ 6s² 1545 / 1947		70 173,05 -2,22(3) [Xe] 4f¹² 6s² 819 / 1196		71 174,97 -2,30(3) [Xe] 4f¹³ 6s² 1663 / 3395	
La Lanthan		Ce Cer		Pr Paseodym		Nd Neodym		Pm Promethium		Sm Samarium		Eu Europium		Gd Gadolinium		Tb Terbium		Dy Dysprosium		Ho Holmium		Er Erbium		Tm Thulium		Yb Ytterbium		Lu Lutetium	
89 227,03 -2,13(3) [Rn] 6d¹ 7s² 1050 / 3200		90 232,04 -1,83(4) [Rn] 6d² 7s² 1750 / 4788		91 231,04 -1,19(5) [Rn] 5f⁶ 6d¹ 7s² 1845 / 4027		92 238,05 -0,836(3) [Rn] 5f⁶ 6d¹ 7s² 1132 / 3930		93 237,05 -1,01(5) [Rn] 5f⁶ 6d¹ 7s² 630 / 3902		94 244,06 -1,25 [Rn] 5f⁷ 7s² 641 / 3232		95 243,06 -1,96(2) [Rn] 5f⁷ 7s² 994 / 2607		96 248,07 -2,06(3) [Rn] 5f⁷ 6d¹ 7s² 1340 / 3110		97 249,08 -1,96(3) [Rn] 5f⁷ 7s² 986 / 2950		98 252,08 -1,91(3) [Rn] 5f⁹ 7s² 950 / -		99 254,09 -1,98(3) [Rn] 5f⁹ 7s² 860 / -		100 257,1 -2,5(2) [Rn] 5f¹⁰ 7s² 900 / -		101 260,10 -2,53(2) [Rn] 5f¹⁰ 7s² - / -		102 259,10 -2,6(2) [Rn] 5f¹⁰ 7s² - / -		103 262,11 -2,1(3) [Rn] 5f¹⁰ 6d¹ 4s² - / -	
Ac Actinium		Th Thorium		Pa Protactinium		U Uran		Np Neptunium		Pu Plutonium		Am Americium		Cm Curium		Bk Berkelium		Cf Californium		Es Einsteinium		Fm Fermium		Md Medelivium		No Nobelium		Lr Lawrencium	