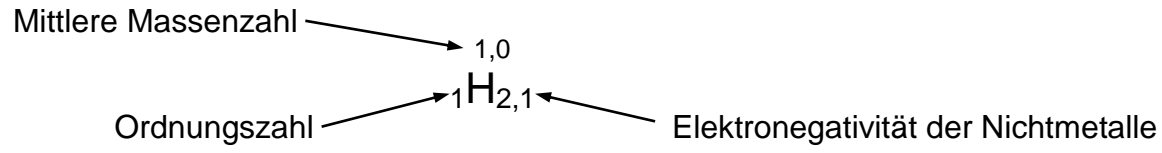


# Periodensystem der Elemente



Hauptgruppen

Hauptgruppen

										Nebengruppen																									
I												III		IV		V		VI		VII		VIII													
1,0 1H <sub>2,1</sub> Wasserstoff												10,8 5B <sub>2,0</sub> Bor		12,0 6C <sub>2,1</sub> Kohlenstoff		14,0 7N <sub>3,0</sub> Stickstoff		16,0 8O <sub>3,5</sub> Sauerstoff		19,0 9F <sub>4,0</sub> Fluor		20,2 10Ne Neon													
6,9 3Li Lithium		9,0 4Be Beryllium												27,0 13Al Aluminium		28,0 14Si <sub>1,8</sub> Silizium		31,0 15P <sub>2,1</sub> Phosphor		32,1 16S <sub>2,5</sub> Schwefel		35,5 17Cl <sub>3,0</sub> Chlor		40,0 18Ar Argon											
23,0 11Na Natrium		24,3 12Mg Magnesium		III A		IV A		V A		VI A		VII A		VIII A		I A		II A																	
39,1 19K Kalium		40,1 20Ca Calcium		45,0 21Sc Scandium		57,9 22Ti Titan		50,9 23V Vanadium		52,0 24Cr Chrom		54,9 25Mn Mangan		55,8 26Fe Eisen		58,9 27Co Kobalt		58,7 28Ni Nickel		63,6 29Cu Kupfer		65,4 30Zn Zink		69,7 31Ga Gallium		72,6 32Ge Germanium		74,9 33As <sub>2,0</sub> Arsen		79,0 34Se <sub>2,4</sub> Selen		79,9 35Br <sub>2,8</sub> Brom		83,8 36Kr Krypton	
85,5 37Rb Rubidium		87,6 38Sr Strontium		89,9 39Y Yttrium		91,2 40Zr Zirkon		92,9 41Nb Niob		95,9 42Mo Molybdän		97,9 43Tc Technetium		101,0 44Ru Ruthenium		102,9 45Rh Rhodium		106,4 46Pd Palladium		107,9 47Ag Silber		112,4 48Cd Cadmium		114,8 49In Indium		118,7 50Sn Zinn		121,7 51Sb Antimon		127,6 52Te <sub>2,1</sub> Tellur		126,9 53I <sub>2,5</sub> Iod		131,3 54Xe Xenon	
132,9 55Cs Cäsium		137,3 56Ba Barium		138,9 57La Lanthan		178,5 72Hf Hafnium		180,9 73Ta Tantal		183,8 74W Wolfram		186,2 75Re Rhenium		190,2 76Os Osmium		192,2 77Ir Iridium		195,1 78Pt Platin		197,0 79Au Gold		200,6 80Hg Quecksilber		204,4 81Tl Thallium		207,2 82Pb Blei		209,0 83Bi Wismut		209,0* 84Po Polonium		210,0* 85At <sub>2,2</sub> Astat		222,0* 86Rn Radon	
223,0* 87Fr Francium		226,0* 88Ra Radium		227,0* 89Ac Actinium		261,1* 104Rf Rutherfordium		262,1* 105Db Dubnium		266,1* 106Sg Seaborgium		264,1* 107Bh Bohrium		269,1* 108Hs Hassium		268,1* 109Mt Meitnerium		273,1* 110Ds Darmstadtium		272,2* 111Rg Röntgenium															

Lanthanoide

140,1 58Ce Cer	140,9 59Pr Praseodym	144,2* 60Nd Neodym	144,9* 61Pm Promethium	150,4 62Sm Samarium	152,0 63Eu Europium	257,3 64Gd Gadolinium	158,9 65Tb Terbium	162,5 66Dy Dysprosium	164,9 67Ho Holmium	167,3 68Er Erbium	168,9 69Tm Thulium	173,0 70Yb Ytterbium	175,0 71Lu Lutetium
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Actinoide

232,0* 90Th Thorium	231,0* 91Pa Protactinium	238,0* 92U Uran	237,0* 93Np Neptunium	244,1* 94Pu Plutonium	243,0* 95Am Americium	247,1* 96Cm Curium	247,1* 97Bk Berkelium	251,7* 98Cf Californium	252,1* 99Es Einsteinium	257,1* 100Fm Fermium	258,1* 101Md Mendelevium	259,1* 102No Nobelium	262,1* 103Lr Lawrencium
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