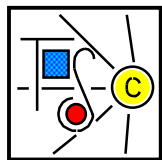


Periodensystem der Elemente

P.	Hauptgruppen:																VIII	
I											III	IV	V	VI	VII			
1	1,01 1 H Wasserstoff															4,00 2 He Helium		
2	6,94 3 Li Lithium	9,01 4 Be Beryllium	<div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">grün:</div> Metalle <div style="border: 1px solid black; padding: 2px;">türkis:</div> Halbmetalle <div style="border: 1px solid black; padding: 2px;">hellblau:</div> Nichtmetalle </div>										10,81 5 B Bor	12,01 6 C Kohlenstoff	14,01 7 N Stickstoff	16,00 8 O Sauerstoff	19,00 9 F Fluor	20,18 10 Ne Neon
3	22,99 11 Na Natrium	24,31 12 Mg Magnesium	<div style="display: flex; justify-content: space-between;"> <div>Atommasse in u (gerundet)</div> <div>226,03 — radioaktives Element</div> <div style="border: 1px solid black; padding: 2px;">schwarz:</div> feste Elemente <div style="border: 1px solid black; padding: 2px;">rot:</div> gasförmige Elemente <div style="border: 1px solid black; padding: 2px;">blau:</div> flüssige Elemente <div style="border: 1px solid black; padding: 2px;">lila:</div> künstliche Elemente </div>										26,98 13 Al Aluminium	28,09 14 Si Silicium	30,97 15 P Phosphor	32,07 16 S Schwefel	35,45 17 Cl Chlor	39,95 18 Ar Argon
4	39,10 19 K Kalium	40,08 20 Ca Calcium	44,96 21 Sc Scandium	47,87 22 Ti Titan	50,94 23 V Vanadium	52,00 24 Cr Chrom	54,94 25 Mn Mangan	55,84 26 Fe Eisen	58,93 27 Co Cobalt	58,69 28 Ni Nickel	63,55 29 Cu Kupfer	65,39 30 Zn Zink	69,72 31 Ga Gallium	72,61 32 Ge Germanium	74,92 33 As Arsen	78,96 34 Se Selen	79,90 35 Br Brom	83,80 36 Kr Krypton
5	85,47 37 Rb Rubidium	87,62 38 Sr Strontium	88,91 39 Y Yttrium	91,22 40 Zr Zirkonium	92,91 41 Nb Niob	95,94 42 Mo Molybdän	98,91 43 Tc Technetium	101,07 44 Ru Ruthenium	102,91 45 Rh Rhodium	106,42 46 Pd Palladium	107,87 47 Ag Silber	112,41 48 Cd Cadmium	114,82 49 In Indium	118,71 50 Sn Zinn	121,76 51 Sb Antimon	127,60 52 Te Tellur	126,90 53 I Iod	131,29 54 Xe Xenon
6	132,91 55 Cs Cäsium	137,33 56 Ba Barium	57-71	178,49 72 Hf Hafnium	180,95 73 Ta Tantal	183,84 74 W Wolfram	186,21 75 Re Rhenium	190,20 76 Os Osmium	192,22 77 Ir Iridium	195,08 78 Pt Platin	197,97 79 Au Gold	200,59 80 Hg Quecksilber	204,38 81 Tl Thallium	207,20 82 Pb Blei	208,98 83 Bi Bismut	208,98 84 Po Polonium	209,99 85 At Astat	222,02 86 Rn Radon
7	223,02 87 Fr Francium	226,03 88 Ra Radium	89-103	261,11 104 Rf Rutherfordium	262,11 105 Db Dubnium	263,12 106 Sg Seaborgium	264,12 107 Bh Bohrium	265,13 108 Hs Hassium	268 109 Mt Meitnerium	269 110 Uun Ununnilium	272 111 Uuu Unununium	277 112 Uub Ununbium						



Forschungsstand: 1.3.98

138,91 57 La Lanthan	140,12 58 Ce Cer	140,91 59 Pr Praseodym	144,24 60 Nd Neodym	144,91 61 Pm Promethium	150,36 62 S Samarium	151,96 63 Eu Europium	157,25 64 Gd Gadolinium	158,93 65 Tb Terbium	162,50 66 Dy Dysprosium	164,93 67 Ho Holmium	167,26 68 Er Erbium	168,93 69 Tm Thulium	173,04 70 Yb Ytterbium	174,97 71 Lu Lutetium
227,03 89 Ac Actinium	232,04 90 Th Thorium	231,04 91 Pa Protactinium	238,03 92 U Uran	237,05 93 Np Neptunium	244,06 94 Pu Plutonium	243,06 95 Am Americium	247,07 96 C Curium	247,07 97 Bk Berkelium	251,08 98 Cf Californium	252,08 99 Es Einsteinium	257,10 100 Fm Fermium	258,10 101 Md Mendelevium	259,10 102 No Nobelium	262,11 103 Lr Lawrencium