Periodensystem

Periode		Gruppen 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.
1.	K	**1,008** H 0,048 -259 -253 *1*																	**4,003** He 0,17 -270 -269 *2*
2.	K L	**6,94** Li 0,53 180 1330 *3*	**9,01** Be 1,85 1280 2480 *4*											**10,81** B 2,43 2030 3900 *5*	**12,01** C 2,26 (3730) 4830 *6*	**14,01** N 1,17 -210 -196 *7*	**16,00** O 1,33 -219 -183 *8*	**19,00** F 1,28 -220 -188 *9*	**20,18** Ne 0,84 -249 -246 *10*
3.	K L M	**22,99** Na 0,97 98 892 *11*	**24,31** Mg 1,74 650 1110 *12*											**26,96** Al 2,70 660 2450 *13*	**28,09** Si 2,33 1410 2680 *14*	**30,97** P 1,82 44 280 *15*	**32,06** S 4,80 217 685 *16*	**35,45** Cl 2,95 -101 -35 *17*	**39,95** Ar 1,66 -189 -186 *18*
4.	K L M N	**39,10** K 0,86 64 760 *19*	**40,08** Ca 1,55 838 1490 *20*	**44,96** Sc 3,0 1540 2730 *21*	**47,90** Ti 4,5 1670 3260 *22*	**50,54** V 5,8 1900 3450 *23*	**52,00** Cr 7,19 1900 2642 *24*	**54,94** Mn 7,43 1250 2100 *25*	**55,85** Fe 7,87 1335 3070 *26*	**58,93** Co 8,90 1490 2900 *27*	**58,71** Ni 8,90 1450 2730 *28*	**63,55** Cu 8,96 1083 2600 *29*	**65,37** Zn 7,14 419 906 *30*	**69,72** Ga 5,91 30 2400 *31*	**72,59** Ge 5,32 937 2830 *32*	**74,92** As 5,72 - 613 *33*	**78,96** Se 4,80 217 685 *34*	**79,90** Br 3,12 -7 58 *35*	**83,80** Kr 3,48 -157 -152 *36*
5.	K L M N	**85,47** Rb 1,53 39 688 *37*	**87,62** Sr 2,6 770 1380 *38*	**88,91** Y 4,5 1500 2930 *39*	**91,22** Zr 6,49 1650 3580 *40*	**92,91** Nb 8,55 2420 4900 *41*	**95,94** Mo 10,2 2610 5560 *42*	**98,91** Tc ☢ 11,5 2140 (4600) *43*	**101,07** Ru 12,2 2300 3900 *44*	**102,91** Rh 12,4 1970 3730 *45*	**108,4** Pd 12,0 1550 3125 *46*	**107,87** Ag 10,5 961 2210 *47*	**112,41** Cd 8,65 321 765 *48*	**114,82** In 7,31 156 2000 *49*	**118,71** Sn 7,30 232 2270 *50*	**121,75** Sb 6,68 631 1380 *51*	**127,60** Te 6,24 450 1390 *52*	**126,90** I 4,94 114 183 *53*	**131,29** Xe 5,49 -112 -108 *54*
6.		**132,91** Cs 1,87 29 690 *55*	**137,34** Ba 3,5 714 1640 *56*	**138,91** La 6,17 920 3470 *57*	**178,49** Hf 13,1 2000 5400 *72*	**180,95** Ta 16,6 3000 5430 *73*	**183,85** W 19,3 3410 5930 *74*	**186,20** Re 21,0 3180 5630 *75*	**190,20** Os 22,4 3000 5500 *76*	**192,22** Ir 22,5 2450 4500 *77*	**195,09** Pt 21,4 1770 3625 *78*	**196,97** Au 19,3 1063 2970 *79*	**200,59** Hg 13,53 -39 357 *80*	**204,38** Tl 1,85 303 1460 *81*	**207,2** Pb 11,4 327 1740 *82*	**208,98** Bi 9,8 271 1580 *83*	**209** Po ☢ 9,4 254 962 *84*	**210** At ☢ - 302 335 *85*	**222** Rn ☢ 5,94 -112 -108 *86*
7.		**(223)** Fr ☢ - (27) (580) *87*	**226,03** Ra ☢ 5 700 1530 *88*	**(227)** Ac ☢ - 1050 3200 *89*	**(261)** Rf ☢ 18,1 - - *104*	**(262)** Db ☢ - - - *105*	**(266)** Sg ☢ - - - *106*	**(264)** Bh ☢ - - - *107*	**(267)** Hs ☢ - - - *108*	**(268)** Mt ☢ - - - *109*	**(281)** Ds ☢ - - - *110*	**(272)** Rg ☢ - - - *111*	**(285)** Uub ☢ - - - *112*	**Uut** ☢ *113*	**(289)** Uuq ☢ *114*			Halogene	Edelgase

Elementsymbol — Fe — radioaktiv — Ordnungszahl *26*

55,85 — Atommasse
7,87 — Dichte in g/cm³ bei 25°C
1335 — Schmelzpunkt in °C
3070 — Siedepunkt in °C

140,12 Ce 6,78 795 3470 *58*	**140,91** Pr 6,77 935 3130 *59*	**144,24** Nd 7,00 1020 3030 *60*	**(145)** Pm ☢ - (1030) (2370) *61*	**150,40** Sm 7,54 1070 1900 *62*	**151,96** Eu 5,26 826 1440 *63*	**157,25** Gd 7,89 1310 3000 *64*	**158,93** Tb 8,27 1360 2800 *65*	**162,50** Dy 8,54 1410 2600 *66*	**164,93** Ho 8,80 1460 2600 *67*	**167,26** Er 9,05 1500 2900 *68*	**168,93** Tm 9,33 1550 1730 *69*	**173,04** Yb 6,98 824 1430 *70*	**174,97** Lu 9,64 1650 3330 *71*
232,04 Th ☢ 11,7 1700 4200 *90*	**231,04** Pa ☢ 16,4 (1230) - *91*	**238,03** U ☢ 18,90 1130 3820 *92*	**237,05** Np ☢ 20,4 640 - *93*	**(244)** Pu ☢ 19,6 640 3230 *94*	**(243)** Am ☢ 11,7 850 2600 *95*	**(247)** Cm ☢ 7,0 - - *96*	**(247)** Bk ☢ - - - *97*	**(251)** Cf ☢ - - - *98*	**(254)** Es ☢ - - - *99*	**(253)** Fm ☢ - - - *100*	**(258)** Md ☢ - - - *101*	**(256)** No ☢ - - - *102*	**(257)** Lr ☢ - - - *103*

Metalle — Nichtmetalle
Halbmetalle — Edelgase

Actinium	Ac	89	Cäsium	Cs	55	Gadolinium	Gd	64	Lanthan	La	57	Phosphor	P	15	Sauerstoff (Oxygenium)	O	8	Titan	Ti	22
Aluminium	Al	13	Calcium	Ca	20	Gallium	Ga	31	Lawrencium	Lr	103	Platin	Pt	78	Scandium	Sc	21	Ununbium	Uub	112
Americium	Am	95	Californium	Cf	98	Germanium	Ge	32	Lithium	Li	3	Plutonium	Pu	94	Schwefel (Sulfur)	S	16	Ununquadium	Uuq	114
Antimon (Stibium)	Sb	51	Cer	Ce	58	Gold (Aurum)	Au	79	Lutetium	Lu	71	Polonium	Po	84	Seaborgium	Sg	106	Uran	U	92
Argon	Ar	18	Chlor	Cl	17	Hafnium	Hf	72	Magnesium	Mg	12	Praseodym	Pr	59	Selen	Se	34	Vanadium	V	23
Arsen	As	33	Chrom	Cr	24	Hassnium	Hs	108	Mangan	Mn	25	Promethium	Pm	61	Silber (Argentum)	Ag	47	Wasserstoff (Hydrogenium)	H	1
Astat	At	85	Cobalt	Co	27	Helium	He	2	Meitnerium	Mt	109	Protactinium	Pa	91	Silicium	Si	14	Wolfram	W	74
Barium	Ba	56	Curium	Cm	96	Holmium	Ho	67	Mendelevium	Md	101	Quecksilber (Hydrargyrum)	Hg	80	Stickstoff (Nitrogenium)	N	7	Wismut siehe Bismut		
Berkelium	Bk	97	Darmstadtium	Ds	110	Indium	In	49	Molybdän	Mo	42	Radium	Ra	88				Xenon	Xe	54
Beryllium	Be	4	Dubnium	Db	105	Iridium	Ir	77	Natrium	Na	11	Radon	Rn	86				Ytterbium	Y	39
Bismut	Bi	83	Dysprosium	Dy	66	Iod	I	53	Neodym	Nd	60	Rhenium	Re	75				Zink	Zn	30
Blei (Plumbum)	Pb	82	Einsteinium	Es	99	Kalium	K	19	Neon	Ne	10	Rhodium	Rh	45				Zinn (Stannum)	Sn	50
Bohrium	Bh	107	Eisen (Ferrum)	Fe	26	Kohlenstoff (Carboneum)	C	6	Neptunium	Np	93	Roentgenium	Rg	111				Zirkonium	Zr	40
Bor	B	5	Erbium	Er	68	Krypton	Kr	36	Nickel	Ni	28	Rubidium	Rb	37						
Brom	Br	35	Europium	Eu	63	Kupfer (Cuprum)	Cu	29	Niob	Nb	41	Ruthenium	Ru	44						
Cadmium	Cd	48	Fermium	Fm	100				Nobelium	No	102	Rutherfordium	Rf	104						
			Fluor	F	9				Osmium	Os	76	Samarium	Sm	62						
			Francium	Fr	87				Palladium	Pd	46	Thallium	Tl	81						
												Thorium	Th	90						
												Thulium	Tm	69						