

PERIODENSYSTEM DER ELEMENTE



Quelle: <http://www.periodensystem.info/periodensystem/>

PERIODE	HAUPTGRUPPE																																				
	I	II	VIII										I	II																							
	1	2	3	4	5	6	7	8	9	10	11	12	VIII						I	II																	
I	H 1 1,0079 WASSERSTOFF	He 2 4,0026 HELIUM																																			
II	Li 3 6,941 LITHIUM	Be 4 9,0122 BERYLLIUM	Na 11 22,990 NATRIUM	Mg 12 24,305 MAGNESIUM	K 19 39,098 KALIUM	Ca 20 40,078 CALCIUM	Sc 21 44,956 SCANDIUM	Ti 22 47,887 TITAN	V 23 50,942 VANADIUM	Cr 24 51,996 CHROM	Mn 25 54,938 MANGAN	Fe 26 55,845 EISEN	Co 27 58,933 COBALT	Ni 28 58,693 NICKEL	Cu 29 63,546 KUPFER	Zn 30 65,38 ZINK	Ga 31 69,723 GALLIUM	Ge 32 72,64 GERMANIUM	As 33 74,922 ARSEN	Se 34 78,96 SELEN	Br 35 79,904 BROM	Kr 36 83,798 KRYPTON															
III	Na 11 22,990 NATRIUM	Mg 12 24,305 MAGNESIUM	Al 13 26,981 ALUMINIUM	Si 14 28,086 SILICIUM	P 15 30,974 PHOSPHOR	S 16 32,06 SCHWEFEL	Cl 17 35,453 CHLOR	Ar 18 39,948 ARGON	K 19 39,098 KALIUM	Ca 20 40,078 CALCIUM	Sc 21 44,956 SCANDIUM	Ti 22 47,887 TITAN	V 23 50,942 VANADIUM	Cr 24 51,996 CHROM	Mn 25 54,938 MANGAN	Fe 26 55,845 EISEN	Co 27 58,933 COBALT	Ni 28 58,693 NICKEL	Cu 29 63,546 KUPFER	Zn 30 65,38 ZINK	Ga 31 69,723 GALLIUM	Ge 32 72,64 GERMANIUM	As 33 74,922 ARSEN	Se 34 78,96 SELEN	Br 35 79,904 BROM	Kr 36 83,798 KRYPTON											
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V	Rb 37 85,468 RUBIDIUM	Sr 38 87,62 STRONTIUM	Y 39 88,906 YTTRIUM	Zr 40 91,224 ZIRKONIUM	Nb 41 92,906 NIOB	Mo 42 95,94 MOLYBDAN	Tc 43 98,906 TECHNETIUM	Rh 44 101,07 RHODIUM	Pd 45 106,42 PALLADIUM	Ag 46 107,87 SILBER	Cd 47 112,41 CADMIUM	In 49 114,82 INDIUM	Sn 50 118,71 ZINN	Sb 51 121,76 ANTIMON	Te 52 127,60 TELLUR	I 53 126,90 IOD	Xe 54 131,29 XENON	Cs 55 132,91 CÄSIUM	Ba 56 137,33 BARIUM	La 57 138,91 LANTHAN	Ce 58 140,12 CER	Pr 59 140,91 PRASEODYM	Nd 60 144,24 NEODYM	Pm 61 144,91 PROMETHIUM	Sm 62 150,36 SAMARIUM	Eu 63 151,96 EUROPIUM	Gd 64 157,25 GADOLINIUM	Tb 65 158,93 TERBIUM	Dy 66 162,50 DYSPROSIUM	Ho 67 164,93 HOLIUM	Er 68 167,26 ERBIUM	Tm 69 168,93 THULIUM	Yb 70 173,05 YTERBIUM	Lu 71 174,97 LUTETIUM			
VI	Cs 55 132,91 CÄSIUM	Ba 56 137,33 BARIUM	La 57 138,91 LANTHAN	Ce 58 140,12 CER	Pr 59 140,91 PRASEODYM	Nd 60 144,24 NEODYM	Pm 61 144,91 PROMETHIUM	Sm 62 150,36 SAMARIUM	Eu 63 151,96 EUROPIUM	Gd 64 157,25 GADOLINIUM	Tb 65 158,93 TERBIUM	Dy 66 162,50 DYSPROSIUM	Ho 67 164,93 HOLIUM	Er 68 167,26 ERBIUM	Tm 69 168,93 THULIUM	Yb 70 173,05 YTERBIUM	Lu 71 174,97 LUTETIUM	Po 84 209 POLONIUM	At 85 210 ASTAT	Rn 86 222 RADON	Fr 87 223 FRANCIUM	Ra 88 226 RADIUM	Ac 89 227 ACTINIUM	Th 90 232,04 THORIUM	Pa 91 231,04 PROTACTINIUM	U 92 238,03 URAN	Np 93 237,04 NEPTUNIUM	Pu 94 244,1 PLUTONIUM	Am 95 243 AMERICIUM	Cm 96 247 CURIUM	Bk 97 247 BERKELIUM	Cf 98 251 CALIFORNIUM	Es 99 252 EINSTEINIUM	Fm 100 257 FERMIUM	Md 101 258 MENDELEVIUM	No 102 259 NOBELIUM	Lr 103 260 LAWRENCIUM
VII	Fr 87 223 FRANCIUM	Ra 88 226 RADIUM	Ac 89 227 ACTINIUM	Th 90 232,04 THORIUM	Pa 91 231,04 PROTACTINIUM	U 92 238,03 URAN	Np 93 237,04 NEPTUNIUM	Pu 94 244,1 PLUTONIUM	Am 95 243 AMERICIUM	Cm 96 247 CURIUM	Bk 97 247 BERKELIUM	Cf 98 251 CALIFORNIUM	Es 99 252 EINSTEINIUM	Fm 100 257 FERMIUM	Md 101 258 MENDELEVIUM	No 102 259 NOBELIUM	Lr 103 260 LAWRENCIUM	Po 84 209 POLONIUM	At 85 210 ASTAT	Rn 86 222 RADON	Fr 87 223 FRANCIUM	Ra 88 226 RADIUM	Ac 89 227 ACTINIUM	Th 90 232,04 THORIUM	Pa 91 231,04 PROTACTINIUM	U 92 238,03 URAN	Np 93 237,04 NEPTUNIUM	Pu 94 244,1 PLUTONIUM	Am 95 243 AMERICIUM	Cm 96 247 CURIUM	Bk 97 247 BERKELIUM	Cf 98 251 CALIFORNIUM	Es 99 252 EINSTEINIUM	Fm 100 257 FERMIUM	Md 101 258 MENDELEVIUM	No 102 259 NOBELIUM	Lr 103 260 LAWRENCIUM

1 — NICHTMETALL
 2,1 — ELEKTRONEGATIVITÄTSWERT
H — ELEMENTSYMBOL
 1,0079 — ATOMMASSE in u
 WASSERSTOFF — ELEMENTNAME
 (1) — GAS
Fe — FESTSTOFF
 (1) — FLÜSSIGKEIT
Hg — RADIOAKTIV

Merkhilfe:
 2. Periode
 Liebe (Li) Berta (Be),
 bitte (B) komm (C)
 nicht (N) ohne (O)
 frische (F)
 Nelken (Ne)!

PERIODE	III	IV	V	VI	VII	VIII
I	B 5 10,811 BOR	C 6 12,011 KOHLENSTOFF	N 7 14,007 STICKSTOFF	O 8 15,999 SAUERSTOFF	F 9 18,998 FLUOR	Ne 10 20,180 NEON
II	Al 13 26,981 ALUMINIUM	Si 14 28,086 SILICIUM	P 15 30,974 PHOSPHOR	S 16 32,06 SCHWEFEL	Cl 17 35,453 CHLOR	Ar 18 39,948 ARGON
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(*) Die unklammerten Werte für die Atommasse geben die Massenzahl mit der höchsten Halbwertszeit an.

(1) Aggregatzustand bei 25°C (298 K) und 101,325 kPa