Grundstoffernes periodesystem

Hovedgruppe → 1. HG, 2. HG, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 3. HG, 14 4. HG, 15 5. HG, 16 6. HG, 17 7. HG, 18 8. HG

Periode: 1, 2, 3, 4, 5, 6, 7

Undergrupper (Sidegrupper)

Periode	1. HG	2. HG	3	4	5	6	7	8	9	10	11	12	3. HG	4. HG	5. HG	6. HG	7. HG	8. HG
1	1 H Hydrogen 1,0079																	2 He Helium 4,0026
2	3 Li Lithium 6,941	4 Be Beryllium 9,0122											5 B Bor 10,812	6 C Carbon 12,011	7 N Nitrogen 14,007	8 O Oxygen 15,999	9 F Fluor 18,998	10 Ne Neon 20,180
3	11 Na Natrium 22,990	12 Mg Magnesium 24,305											13 Al Aluminium 26,982	14 Si Silicium 28,086	15 P Phosphor 30,974	16 S Svovl 32,066	17 Cl Chlor 35,453	18 Ar Argon 39,948
4	19 K Kalium 39,098	20 Ca Calcium 40,078	21 Sc Scandium 44,956	22 Ti Titan 47,867	23 V Vanadium 50,942	24 Cr Chrom 51,996	25 Mn Mangan 54,938	26 Fe Jern 55,845	27 Co Cobalt 58,933	28 Ni Nikkel 58,693	29 Cu Kobber 63,546	30 Zn Zink 65,409	31 Ga Gallium 69,723	32 Ge Germanium 72,64	33 As Arsen 74,922	34 Se Selen 78,96	35 Br Brom 79,904	36 Kr Krypton 83,798
5	37 Rb Rubidium 85,468	38 Sr Strontium 87,62	39 Y Yttrium 88,906	40 Zr Zirconium 91,224	41 Nb Niobium 92,906	42 Mo Molybden 95,94	43 Tc Technetium [98]	44 Ru Ruthenium 101,07	45 Rh Rhodium 102,91	46 Pd Palladium 106,42	47 Ag Sølv 107,87	48 Cd Cadmium 112,41	49 In Indium 114,82	50 Sn Tin 118,71	51 Sb Antimon 121,76	52 Te Tellur 127,60	53 I Iod 126,90	54 Xe Xenon 131,29
6	55 Cs Caesium 132,91	56 Ba Barium 137,33	57 La Lanthan 138,91	72 Hf Hafnium 178,49	73 Ta Tantal 180,95	74 W Wolfram 183,84	75 Re Rhenium 186,21	76 Os Osmium 190,23	77 Ir Iridium 192,22	78 Pt Platin 195,08	79 Au Guld 196,97	80 Hg Kviksølv 200,59	81 Tl Thallium 204,38	82 Pb Bly 207, 2	83 Bi Bismuth 208,98	84 Po Polonium [209]	85 At Astat [210]	86 Rn Radon [222]
7	87 Fr Francium [223]	88 Ra Radium [226]	89 Ac Actinium [227]	104 Rf Rutherfordium [261]	105 Db Dubnium [262]	106 Sg Seaborgium [266]	107 Bh Bohrium [264]	108 Hs Hassium [277]	109 Mt Meitnerium [268]	110 Ds Darmstadtium [281]	111 Rg Roentgenium [272]	112 Uub Ununbium [285]	113 Uut Ununtrium [284]	114 Uuq Ununquadium [289]	115 Uup Ununpentium [288]	116 Uuh Ununhexium [289]		

Lanthanider	58 Ce Cerium 140,12	59 Pr Praseodym 140,91	60 Nd Neodym 144,24	61 Pm Promethium [145]	62 Sm Samarium 150,36	63 Eu Europium 151,96	64 Gd Gadolinium 157,25	65 Tb Terbium 158,93	66 Dy Dysprosium 162,50	67 Ho Holmium 164,93	68 Er Erbium 167,26	69 Tm Thulium 168,93	70 Yb Ytterbium 173,04	71 Lu Lutetium 174,97
Actinider	90 Th Thorium 232,04	91 Pa Protactinium 231,04	92 U Uran 238,03	93 Np Neptunium [237]	94 Pu Plutonium [244]	95 Am Americium [243]	96 Cm Curium [247]	97 Bk Berkelium [247]	98 Cf Californium [251]	99 Es Einsteinium [252]	100 Fm Fermium [257]	101 Md Mendelevium [258]	102 No Nobelium [259]	103 Lr Lawrencium [262]

Atomnummer	29	2	1. skal
Atomsymbol	Cu	8	2. skal
Grundstofnavn	Kobber	18	3. skal
Atommasse/u	63,546	1	4. skal
			5. skal
			6. skal
			7. skal

N Gas (ved 20 °C, 1 bar)

Br Væske (ved 20 °C, 1 bar)

Fe Fast stof (ved 20 °C, 1 bar)

Np Kunstigt fremstillet

Metal

Halvmetal

Ikke-metal

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