

# Periodiek Systeem der Elementen

atoomnummer  
Symbool  
Element  
rel. atoommassa

- Alkalimetalen
- Aardalkalimetalen
- Overgangsmetalen
- Overige metalen
- Niet-metalen
- Edelgassen

**K** Vast  
**Hg** Vloeibaar  
**N** Gas

5	6	7	8	9	10	11	12	13	14	15	16	17	18				
B	C	N	O	F	Ne	Na	Mg	Al	Si	P	S	Cl	Ar				
10.811	12.011	14.007	15.999	18.998				26.982	28.086	30.974	32.06	35.45	39.948				
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
39.098	40.078	44.956	47.88	50.94	51.996	54.938	55.847	58.933	58.71	63.546	65.38	69.723	72.64	74.922	78.96	79.904	83.80
39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe	Ba	Ra
88.91	91.224	92.906	95.94	(97)	101.07	102.9	106.4	107.87	112.4	114.82	118.71	121.76	127.60	126.905	131.29	137.33	138.905
57	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88
La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn	Ac	Ra
138.91	178.49	180.95	183.85	186.2	190.2	192.2	195.1	196.97	200.59	204.4	207.2	208.98	209	210	222	227	226
89	104	105	106	107	108	109											
Ac	Rf	Db	Sg	Bh	Hs	Mt											
227	259	(262)	(263)	(264)	(265)	(268)											

( ) Synthetisch element

58	59	60	61	62	63	64	65	66	67	68	69
Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
140.12	140.91	144.24	(145)	150.4	151.96	157.25	158.9	162.50	164.93	167.26	168.93
90	91	92	93	94	95	96	97	98	99	100	101
Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md
232.04	231	238.03	(237)	(244)	(243)	(247)	(247)	(251)	(252)	(257)	(258)

# De Elementen

Ac	fluor	F	mendelevium	Md	silicium
Al	fosfor	P	molybdeen	Mo	stikstof
Am	francium	Fr	natrium	Na	strontium
Sb	gadolinium	Gd	neodymium	Nd	tantaal
Ar	gallium	Ga	neon	Ne	technetium
As	germanium	Ge	neptunium	Np	telluur
At	goud	Au	nikkel	Ni	terbium
Ba	hafnium	Hf	niobium	Nb	thallium
Bk	hassium	Hs	nobelium	No	thorium
Be	helium	He	osmium	Os	thulium
Bi	holmium	Ho	palladium	Pd	tin
Bh	indium	In	platina	Pt	titaan
B	iridium	Ir	plutonium	Pu	uraan
Br	jood	I	polonium	Po	vanadium
Cd	kalium	K	praseodymium	Pr	waterstof
Ca	kobalt	Co	promethium	Pm	wolfram
Cf	koolstof	C	protactinium	Pa	xenon
Ce	koper	Cu	radium	Ra	ytterbium
Cs	krypton	Kr	radon	Rn	yttrium
Cl	kwik	Hg	renium	Re	ijzer
Cr	lanthaan	La	rhodium	Rh	zilver
Cm	lawrencium	Lr	rubidium	Rb	zink
Dh	lithium	Li	ruthenium	Ru	zirkonium
Dy	lood	Pb	rutherfordium	Rf	zuurstof
Es	lutetium	Lu	samarium	Sm	zwavel
Er	magnesium	Mg	scandium	Sc	
Eu	mangaan	Mn	seaborgium	Sg	
Fm	meitnerium	Mt	seleen	Se	