

(Mendeleev's) Periodic Table of Chemical Elements via TikZ

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1 IA														2		4.0025																																																							
H Hydrogen		2 IIA												5		10.811		6		12.011		7		14.007		8		15.999		9		18.998		10		20.180																																			
3		6.941		4		9.0122														B Boron		C Carbon		N Nitrogen		O Oxygen		F Flourine		Ne Neon																																									
11		22.990		12		24.305														13		26.982		14		28.086		15		30.974		16		32.065		17		35.453		18		39.948																													
Na Sodium		Mg Magnesium		3 IIIA		4 IVB		5 VB		6 VIB		7 VIIB		8 VIIIB		9 VIIIB		10 VIIIB		11 IB		12 IIB		Al Aluminium		Si Silicon		P Phosphorus		S Sulphur		Cl Chlorine		Ar Argon																																					
19		39.098		20		40.078		21		44.956		22		47.867		23		50.942		24		51.996		25		54.938		26		55.845		27		58.933		28		58.693		29		63.546		30		65.39		31		69.723		32		72.64		33		74.922		34		78.96		35		79.904		36		83.8	
K Potassium		Ca Calcium		Sc Scandium		Ti Titanium		V Vanadium		Cr Chromium		Mn Manganese		Fe Iron		Co Cobalt		Ni Nickel		Cu Copper		Zn Zinc		Ga Gallium		Ge Germanium		As Arsenic		Se Selenium		Br Bromine		Kr Krypton																																					
37		85.468		38		87.62		39		88.906		40		91.224		41		92.906		42		95.94		43		96		44		101.07		45		102.91		46		106.42		47		107.87		48		112.41		49		114.82		50		118.71		51		121.76		52		127.6		53		126.9		54		131.29	
Rb Rubidium		Sr Strontium		Y Yttrium		Zr Zirconium		Nb Niobium		Mo Molybdenum		Tc Technetium		Ru Ruthenium		Rh Rhodium		Pd Palladium		Ag Silver		Cd Cadmium		In Indium		Sn Tin		Sb Antimony		Te Tellurium		I Iodine		Xe Xenon																																					
55		132.91		56		137.33		57-71		57-71		72		178.49		73		180.95		74		183.84		75		186.21		76		190.23		77		192.22		78		195.08		79		196.97		80		200.59		81		204.38		82		207.2		83		208.98		84		209		85		210		86		222	
Cs Caesium		Ba Barium		La-Lu Lanthanide		Hf Hafnium		Ta Tantalum		W Tungsten		Re Rhenium		Os Osmium		Ir Iridium		Pt Platinum		Au Gold		Hg Mercury		Tl Thallium		Pb Lead		Bi Bismuth		Po Polonium		At Astatine		Rn Radon																																					
87		223		88		226		89-103		89-103		104		261		105		262		106		266		107		264		108		277		109		268		110		281		111		280		112		285		113		284		114		289		115		288		116		293		117		292		118		294	
Fr Francium		Ra Radium		Ac-Lr Actinide		Rf Rutherfordium		Db Dubnium		Sg Seaborgium		Bh Bohrium		Hs Hassium		Mt Meitnerium		Ds Darmstadtium		Rg Roentgenium		Uub Ununbium		Uut Ununtrium		Uuq Ununquadium		Uup Ununpentium		Uuh Ununhexium		Uus Ununseptium		Uuo Ununoctium																																					

- Alkali Metal
- Alkaline Earth Metal
- Metal
- Metalloid
- Non-metal
- Halogen
- Noble Gas
- Lanthanide/Actinide

Z

mass

Symbol

Name

man-made

57	58	59	60	61	62	63	64	65	66	67	68	69	70	71
La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Lanthanum	Cerium	Praseodymium	Neodymium	Promethium	Samarium	Europium	Gadolinium	Terbium	Dysprosium	Holmium	Erbium	Thulium	Ytterbium	Lutetium

89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr
Actinium	Thorium	Protactinium	Uranium	Neptunium	Plutonium	Americium	Curium	Berkelium	Californium	Einsteinium	Fermium	Mendelevium	Nobelium	Lawrencium