

Periodic Table of Elements Chart: Complete Printable Guide

x	Z	SYMBOL	NAME	MASS (U)	TYPE	GROUP	PERIOD	CONFIG.	MP (°C)	BP (°C)
Z	1	H	Hydrogen	1.008	Nonmetal	1	1	1s ¹	-259.16	-252.87
	2	He	Helium	4.0026	Noble Gas	18	1	1s ²	-272.2	-268.93
Symbol	3	Li	Lithium	6.94	Alkali Metal	1	2	[He] 2s ¹	180.5	1342
Name	4	Be	Beryllium	9.0122	Alkaline Earth Metal	2	2	[He] 2s ²	1287	2470
Mass (u)	5	B	Boron	10.81	Metalloid	13	2	[He] 2s ² 2p ¹	2075	4000
Type	6	C	Carbon	12.011	Nonmetal	14	2	[He] 2s ² 2p ²	3500	4827
Group	7	N	Nitrogen	14.007	Nonmetal	15	2	[He] 2s ² 2p ³	-210	-195.8
Period	8	O	Oxygen	15.999	Nonmetal	16	2	[He] 2s ² 2p ⁴	-218.79	-182.95
Config.	9	F	Fluorine	18.998	Halogen	17	2	[He] 2s ² 2p ⁵	-219.67	-188.11
MP (°C)	10	Ne	Neon	20.18	Noble Gas	18	2	[He] 2s ² 2p ⁶	-248.59	-246.08
BP (°C)	11	Na	Sodium	22.99	Alkali Metal	1	3	[Ne] 3s ¹	97.79	883
11	12	Mg	Magnesium	24.305	Alkaline Earth Metal	2	3	[Ne] 3s ²	650	1091
	13	Al	Aluminum	26.982	Post-transition Metal	13	3	[Ne] 3s ² 3p ¹	660.32	2519
12	14	Si	Silicon	28.085	Metalloid	14	3	[Ne] 3s ² 3p ²	1414	3265
13	15	P	Phosphorus	30.974	Nonmetal	15	3	[Ne] 3s ² 3p ³	44.1	280
14	16	S	Sulfur	32.06	Nonmetal	16	3	[Ne] 3s ² 3p ⁴	115.21	444.6
15	17	Cl	Chlorine	35.45	Halogen	17	3	[Ne] 3s ² 3p ⁵	-101.5	-34.04
16	18	Ar	Argon	39.948	Noble Gas	18	3	[Ne] 3s ² 3p ⁶	-189.34	-185.85
17	19	K	Potassium	39.098	Alkali Metal	1	4	[Ar] 4s ¹	63.5	759
18	20	Ca	Calcium	40.078	Alkaline Earth Metal	2	4	[Ar] 4s ²	842	1484
19	21	Sc	Scandium	44.956	Transition Metal	3	4	[Ar] 3d ¹ 4s ²	1541	2836
20	22	Ti	Titanium	47.867	Transition Metal	4	4	[Ar] 3d ² 4s ²	1668	3287
21	23	V	Vanadium	50.942	Transition Metal	5	4	[Ar] 3d ³ 4s ²	1910	3407
22	24	Cr	Chromium	51.996	Transition Metal	6	4	[Ar] 3d ⁵ 4s ¹	1907	2671
23	25	Mn	Manganese	54.938	Transition Metal	7	4	[		