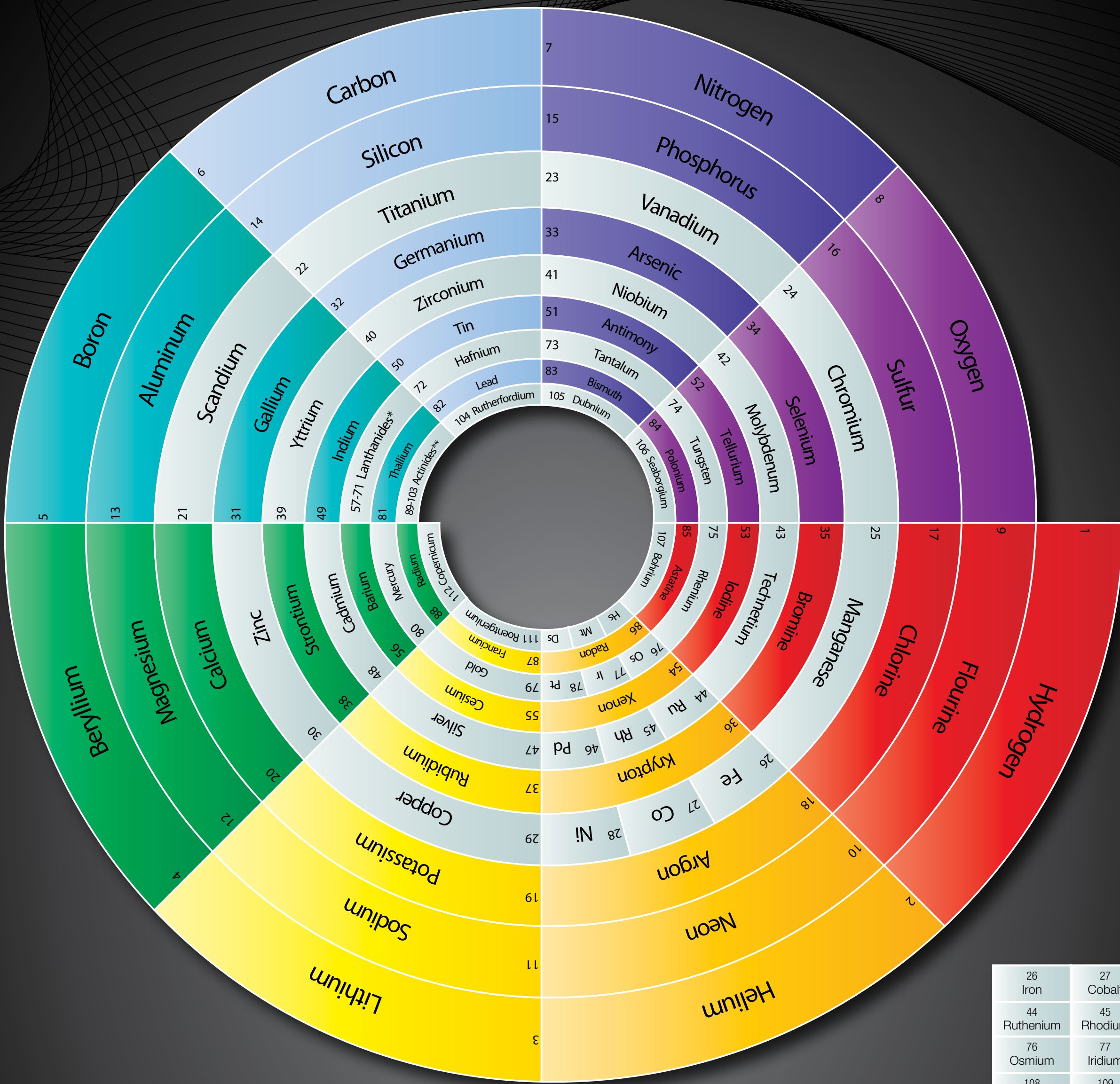


Periodic Chart of the Elements



26 Iron	27 Cobalt	28 Nickel
44 Ruthenium	45 Rhodium	46 Palladium
76 Osmium	77 Iridium	78 Platinum
108 Hassium	109 Meitnerium	110 Darmstadtium

57 Lanthanum	58 Cerium	59 Praseodymium	60 Neodymium	61 Promethium	62 Samarium	63 Europium	64 Gadolinium	65 Terbium	66 Dysprosium	67 Holmium	68 Erbium	69 Thulium	70 Ytterbium	71 Lutetium
89 Actinium	90 Thorium	91 Protactinium	92 Uranium	93 Neptunium	94 Plutonium	95 Americium	96 Curium	97 Berkelium	98 Californium	99 Einsteinium	100 Fermium	101 Mendelevium	102 Nobelium	103 Lawrencium

No	S	Mass	State	No	S	Mass	State	No	S	Mass	State	No	S	Mass	State	No	S	Mass	State
1	H	1.008	Non-Metal	21	Sc	44.96	Transitional metals	41	Nb	92.91	Transitional metals	61	Pm	145.0	Lanthanoid	81	Tl	204.4	Metal
2	He	4.003	Noble Gas	22	Ti	47.87	Transitional metals	42	Mo	95.94	Transitional metals	62	Sm	150.4	Lanthanoid	82	Pb	207.2	Metal
3	Li	6.941	Alkali Metal	23	V	50.94	Transitional metals	43	Tc	98.00	Transitional metals	63	Eu	152.0	Lanthanoid	83	Bi	209.0	pnictogen
4	Be	9.012	Alkali Earth Metal	24	Cr	52.00	Transitional metals	44	Ru	101.1	Platinum Group	64	Gd	157.3	Lanthanoid	84	Po	209.0	Chalcogen
5	B	10.81	Metalloid	25	Mn	54.94	Transitional metals	45	Rh	102.9	Platinum Group	65	Tb	158.9	Lanthanoid	85	At	210.0	Halogen
6	C	12.01	Non-Metal	26	Fe	55.85	Transitional metals	46	Pd	106.4	Platinum Group	66	Dy	162.5	Lanthanoid	86	Rn	222.0	Noble Gas
7	N	14.01	pnictogen	27	Co	58.93	Transitional metals	47	Ag	107.9	Coinage Metal	67	Ho	164.9	Lanthanoid	87	Fr	223.0	Alkali Metal
8	O	16.00	Chalcogen	28	Ni	58.69	Transitional metals	48	Cd	112.4	Transitional Metal	68	Er	167.3	Lanthanoid	88	Ra	226.0	Alkali Earth Metal
9	F	19.00	Halogen	29	Cu	63.55	Coinage Metal	49	In	114.8	Metal	69	Tm	168.9	Lanthanoid	89	Ac	227.0	Actinoid
10	Ne	20.18	Noble Gas	30	Zn	65.41	Transitional metals	50	Sn	118.7	Metal	70	Yb	173.0	Lanthanoid	90	Th	232.0	Actinoid
11	Na	22.99	Alkali Metal	31	Ga	69.72	Metal	51	Sb	121.8	pnictogen	71	Lu	175.0	Lanthanoid	91	Pa	231.0	Actinoid
12	Mg	24.31	Alkali Earth Metal	32	Ge	72.64	Metalloid	52	Te	127.6	Chalcogen	72	Hf	178.5	Transitional Metal	92	U	238.0	Actinoid
13	Al	26.98	metals	33	As	74.92	pnictogen	53	I	126.9	Halogen	73	Ta	180.9	Transitional Metal	93	Np	237.0	Actinoid
14	Si	28.09	metalloid	34	Se	78.96	Chalcogen	54	Xe	131.3	Noble Gas	74	W	183.8	Transitional Metal	94	Pu	239.0	Actinoid
15	P	30.97	pnictogen	35	Br	79.90	Halogen	55	Cs	132.9	Alkali Metal	75	Re	186.2	Transitional Metal	95	Am	243.0	Actinoid
16	S	32.07	Chalcogen	36	Kr	83.80	Noble Gas	56	Ba	137.3	Alkali Earth Metal	76	Os	190.2	Platinum Group	96	Cm	247.0	Actinoid
17	Cl	35.45	Halogen	37	Rb	85.47	Alkali Metal	57	La	138.9	Lanthanoid	77	Ir	192.2	Platinum Group	97	Bk	247.0	Actinoid
18	Ar	39.95	Noble Gas	38	Sr	87.62	Alkali Earth Metal	58	Ce	140.1	Lanthanoid	78	Pt	195.1	Platinum Group	98	Cf	251.0	Actinoid
19	K	39.10	Alkali Metal	39	Y	88.91	Transitional metals	59	Pr	140.9	Lanthanoid	79	Au	197.0	Coinage Metal	99	Es	252.0	Actinoid
20	Ca	40.08	Alkali Earth Metal	40	Zr	91.22	Transitional metals	60	Nd	144.2	Lanthanoid	80	Hg	200.6	Transitional Metal	100	Fm	257.0	Actinoid