

THE PERIODIC TABLE OF ELEMENTS

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

H 1 2,1 Sun and Stars	Alkali Earth Metals	
Li 3 1,0 Batteries	Be 4 1,5 Emeralds	
Na 11 0,9 Salt	Mg 12 1,2 Chlorophyll	
K 19 0,8 Fruit and Vegetables	Ca 20 1,0 Shells and Bones	
Rb 37 0,8 Global Navigation	Sr 38 1,0 Fireworks	
Cs 55 0,7 Atomic Clocks	Ba 56 0,9 X-Ray Diagnosis	
Fr 87 0,7 Laser Atom Traps	Ra 88 0,9 Luminous Watches	

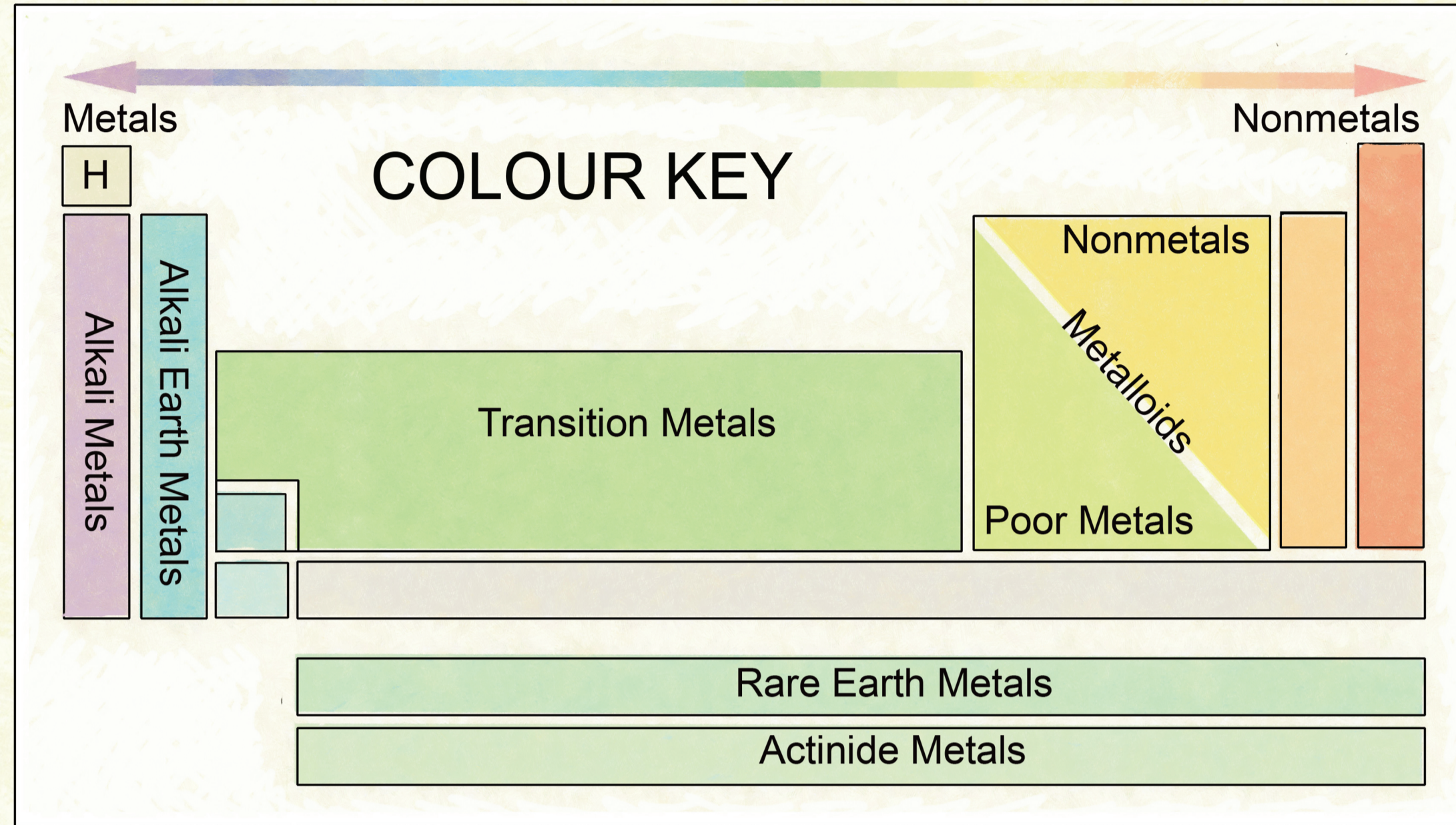
ELEMENT KEY

Symbol Atomic number

Electronegativity

Uses

Aproximate relative atomic mass



Noble Gases		Chalkogens		Halogens	
He 2 4 Balloons	Ne 10 20 Neon Signs	B 5 2,0 Sports Equipment	C 6 2,5 Basis of Molecules	N 7 3,0 Protein	O 8 3,5 Air
Ar 18 40 Light Bulbs	Kr 36 84 Flashlights	Al 13 1,5 Aeroplanes	Si 14 1,8 Stone, Sand and Soil	P 15 2,1 Bones	S 16 2,5 Eggs
Xe 54 131 High-Intensity Lamps	Rn 86 Surgical Implants	Ga 31 1,6 Light-Emitting Diodes (LEDs)	Ge 32 1,8 Semiconductor Electronics	As 33 2,0 Poison	Se 34 2,4 Copiers
		Br 35 2,8 Photography	Te 52 2,1 Thermoelectric Coolers	I 53 2,5 Disinfectant	At 85 2,5 Radioactive Medicine
		Kr 36 84 Flashlights	Sb 51 1,9 Car Batteries	Po 84 2,0 Anti-Static Brushes	
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← Transition Metals →

Rare Earth Metals

Actinide Metals

Ce 58 140 Lighter Flints	Pr 59 141 Torchworkers protection	Nd 60 144 Electric Motor Magnets	Pm 61 Luminous Dials	Sm 62 150 Electric Motor Magnets	Eu 63 152 Colour Television	Gd 64 157 MRI Diagnosis	Tb 65 159 Fluorescent Lamps	Dy 66 163 Smart Material Actuators	Ho 67 165 Laser Surgery	Er 68 167 Optical Fiber Communication	Tm 69 169 Laser Surgery	Yb 70 173 Scientific Fiber Laser	Lu 71 175 Photodynamic Medicine
Th 90 232 Gas Lamp Mantles	Pa 91 Radioactive Waste	U 92 238 Nuclear Power	Np 93 Radioactive Waste	Pu 94 Nuclear Weapons	Am 95 Smoke Detectors	Cm 96 Mineral Analysers	Bk 97 Radioactive Waste	Cf 98 Mineral Analysers	Es 99 (radioactive, never found in nature, no uses except atomic research)	Fm 100 (radioactive, never found in nature, no uses except atomic research)	Md 101 (radioactive, never found in nature, no uses except atomic research)	No 102 (radioactive, never found in nature, no uses except atomic research)	Lr 103 (radioactive, never found in nature, no uses except atomic research)