

# Periodic Table Of The Elements

Group																	18	
Period	1																	2
1	1 H Hydrogen																	2 He Helium
2	3 Li Lithium	4 Be Beryllium											5 B Boron	6 C Carbon	7 N Nitrogen	8 O Oxygen	9 F Fluorine	10 Ne Neon
3	11 Na Sodium	12 Mg Magnesium	3	4	5	6	7	8	9	10	11	12	13 Al Aluminum	14 Si Silicon	15 P Phosphorus	16 S Sulfur	17 Cl Chlorine	18 Ar Argon
4	19 K Potassium	20 Ca Calcium	21 Sc Scandium	22 Ti Titanium	23 V Vanadium	24 Cr Chromium	25 Mn Manganese	26 Fe Iron	27 Co Cobalt	28 Ni Nickel	29 Cu Copper	30 Zn Zinc	31 Ga Gallium	32 Ge Germanium	33 As Arsenic	34 Se Selenium	35 Br Bromine	36 Kr Krypton
5	37 Rb Rubidium	38 Sr Strontium	39 Y Yttrium	40 Zr Zirconium	41 Nb Niobium	42 Mo Molybdenum	43 Tc Technetium	44 Ru Ruthenium	45 Rh Rhodium	46 Pd Palladium	47 Ag Silver	48 Cd Cadmium	49 In Indium	50 Sn Tin	51 Sb Antimony	52 Te Tellurium	53 I Iodine	54 Xe Xenon
6	55 Cs Cesium	56 Ba Barium	LANTHANIDES	72 Hf Hafnium	73 Ta Tantalum	74 W Tungsten	75 Re Rhenium	76 Os Osmium	77 Ir Iridium	78 Pt Platinum	79 Au Gold	80 Hg Mercury	81 Tl Thallium	82 Pb Lead	83 Bi Bismuth	84 Po Polonium	85 At Astatine	86 Rn Radon
7	87 Fr Francium	88 Ra Radium	ACTINIDES	104 Rf Rutherfordium	105 Db Dubnium	106 Sg Seaborgium	107 Bh Bohrium	108 Hs Hassium	109 Mt Meitnerium	110 Ds Darmstadtium	111 Rg Roentgenium	112 Cn Copernicium	113 Uut Ununtrium	114 Uuq Ununquadium	115 Uup Ununpentium	116 Uuh Ununhexium	117 Uus Ununseptium	118 Uuo Ununoctium
			<p>Currently, these elements are officially unnamed.</p>															
			57 La Lanthanum	58 Ce Cerium	59 Pr Praseodymium	60 Nd Neodymium	61 Pm Promethium	62 Sm Samarium	63 Eu Europium	64 Gd Gadolinium	65 Tb Terbium	66 Dy Dysprosium	67 Ho Holmium	68 Er Erbium	69 Tm Thulium	70 Yb Ytterbium	71 Lu Lutetium	
			89 Ac Actinium	90 Th Thorium	91 Pa Protactinium	92 U Uranium	93 Np Neptunium	94 Pu Plutonium	95 Am Americium	96 Cm Curium	97 Bk Berkelium	98 Cf Californium	99 Es Einsteinium	100 Fm Fermium	101 Md Mendelevium	102 No Nobelium	103 Lr Lawrencium	

ALKALI METALS	ALKALINE EARTH METALS	TRANSITION METALS	OTHER METALS	METALLOIDS	NONMETALS	HALOGENS	NOBLE GASES
		LANTHANIDES					
		ACTINIDES					

# Alphabetical List of the Elements

\*This list does not contain the officially unnamed elements 113-118.

Actinium	Gold	Promethium
Aluminum	Hafnium	Protactinium
Americium	Hassium	Radium
Antimony	Helium	Radon
Argon	Holmium	Rhenium
Arsenic	Hydrogen	Rhodium
Astatine	Indium	Roentgenium
Barium	Iodine	Rubidium
Berkelium	Iridium	Ruthenium
Beryllium	Iron	Rutherfordium
Bismuth	Krypton	Samarium
Bohrium	Lanthanum	Scandium
Boron	Lawrencium	Seaborgium
Bromine	Lead	Selenium
Cadmium	Lithium	Silicon
Calcium	Lutetium	Silver
Californium	Magnesium	Sodium
Carbon	Manganese	Strontium
Cerium	Meitnerium	Sulfur
Cesium	Mendelevium	Tantalum
Chlorine	Mercury	Technetium
Chromium	Molybdenum	Tellurium
Cobalt	Neodymium	Terbium
Copernicium	Neon	Thallium
Copper	Neptunium	Thorium
Curium	Nickel	Thulium
Darmstadtium	Niobium	Tin
Dubnium	Nitrogen	Titanium
Dysprosium	Nobelium	Tungsten
Einsteinium	Osmium	Uranium
Erbium	Oxygen	Vanadium
Europium	Palladium	Xenon
Fermium	Phosphorus	Ytterbium
Fluorine	Platinum	Yttrium
Francium	Plutonium	Zinc
Gadolinium	Polonium	Zirconium
Gallium	Potassium	
Germanium	Praseodymium	

# Periodic Table Of The Elements

Period	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	1 <b>H</b> Hydrogen																	2 <b>He</b> Helium
2	3 <b>Li</b> Lithium	4 <b>Be</b> Beryllium											5 <b>B</b> Boron	6 <b>C</b> Carbon	7 <b>N</b> Nitrogen	8 <b>O</b> Oxygen	9 <b>F</b> Fluorine	10 <b>Ne</b> Neon
3	11 <b>Na</b> Sodium	12 <b>Mg</b> Magnesium											13 <b>Al</b> Aluminum	14 <b>Si</b> Silicon	15 <b>P</b> Phosphorus	16 <b>S</b> Sulfur	17 <b>Cl</b> Chlorine	18 <b>Ar</b> Argon
4	19 <b>K</b> Potassium	20 <b>Ca</b> Calcium	21 <b>Sc</b> Scandium	22 <b>Ti</b> Titanium	23 <b>V</b> Vanadium	24 <b>Cr</b> Chromium	25 <b>Mn</b> Manganese	26 <b>Fe</b> Iron	27 <b>Co</b> Cobalt	28 <b>Ni</b> Nickel	29 <b>Cu</b> Copper	30 <b>Zn</b> Zinc	31 <b>Ga</b> Gallium	32 <b>Ge</b> Germanium	33 <b>As</b> Arsenic	34 <b>Se</b> Selenium	35 <b>Br</b> Bromine	36 <b>Kr</b> Krypton
5	37 <b>Rb</b> Rubidium	38 <b>Sr</b> Strontium	39 <b>Y</b> Yttrium	40 <b>Zr</b> Zirconium	41 <b>Nb</b> Niobium	42 <b>Mo</b> Molybdenum	43 <b>Tc</b> Technetium	44 <b>Ru</b> Ruthenium	45 <b>Rh</b> Rhodium	46 <b>Pd</b> Palladium	47 <b>Ag</b> Silver	48 <b>Cd</b> Cadmium	49 <b>In</b> Indium	50 <b>Sn</b> Tin	51 <b>Sb</b> Antimony	52 <b>Te</b> Tellurium	53 <b>I</b> Iodine	54 <b>Xe</b> Xenon
6	55 <b>Cs</b> Cesium	56 <b>Ba</b> Barium	LANTHANIDES	72 <b>Hf</b> Hafnium	73 <b>Ta</b> Tantalum	74 <b>W</b> Tungsten	75 <b>Re</b> Rhenium	76 <b>Os</b> Osmium	77 <b>Ir</b> Iridium	78 <b>Pt</b> Platinum	79 <b>Au</b> Gold	80 <b>Hg</b> Mercury	81 <b>Tl</b> Thallium	82 <b>Pb</b> Lead	83 <b>Bi</b> Bismuth	84 <b>Po</b> Polonium	85 <b>At</b> Astatine	86 <b>Rn</b> Radon
7	87 <b>Fr</b> Francium	88 <b>Ra</b> Radium	ACTINIDES	104 <b>Rf</b> Rutherfordium	105 <b>Db</b> Dubnium	106 <b>Sg</b> Seaborgium	107 <b>Bh</b> Bohrium	108 <b>Hs</b> Hassium	109 <b>Mt</b> Meitnerium	110 <b>Ds</b> Darmstadtium	111 <b>Rg</b> Roentgenium	112 <b>Cn</b> Copernicium	113 <b>Uut</b> Ununtrium	114 <b>Uuq</b> Ununquadium	115 <b>Uup</b> Ununpentium	116 <b>Uuh</b> Ununhexium	117 <b>Uus</b> Ununseptium	118 <b>Uuo</b> Ununoctium
				57 <b>La</b> Lanthanum	58 <b>Ce</b> Cerium	59 <b>Pr</b> Praseodymium	60 <b>Nd</b> Neodymium	61 <b>Pm</b> Promethium	62 <b>Sm</b> Samarium	63 <b>Eu</b> Europium	64 <b>Gd</b> Gadolinium	65 <b>Tb</b> Terbium	66 <b>Dy</b> Dysprosium	67 <b>Ho</b> Holmium	68 <b>Er</b> Erbium	69 <b>Tm</b> Thulium	70 <b>Yb</b> Ytterbium	71 <b>Lu</b> Lutetium
				89 <b>Ac</b> Actinium	90 <b>Th</b> Thorium	91 <b>Pa</b> Protactinium	92 <b>U</b> Uranium	93 <b>Np</b> Neptunium	94 <b>Pu</b> Plutonium	95 <b>Am</b> Americium	96 <b>Cm</b> Curium	97 <b>Bk</b> Berkelium	98 <b>Cf</b> Californium	99 <b>Es</b> Einsteinium	100 <b>Fm</b> Fermium	101 <b>Md</b> Mendelevium	102 <b>No</b> Nobelium	103 <b>Lr</b> Lawrencium

Currently, these elements are officially unnamed.

## Color Key

ALKALI METALS	ALKALINE EARTH METALS	TRANSITION METALS	OTHER METALS	METALLOIDS	NONMETALS	HALOGENS	NOBLE GASES
		LANTHANIDES					
		ACTINIDES					

# Periodic Table Of The Elements

Group	1																18															
Period	1																	2														
1	1 Hydrogen																	2 Helium														
2	3 Lithium	4 Beryllium																	5 Boron	6 Carbon	7 Nitrogen	8 Oxygen	9 Fluorine	10 Neon								
3	11 Sodium	12 Magnesium	3	4	5	6	7	8	9	10	11	12	13 Aluminum	14 Silicon	15 Phosphorus	16 Sulfur	17 Chlorine	18 Argon														
4	19 Potassium	20 Calcium	21 Scandium	22 Titanium	23 Vanadium	24 Chromium	25 Manganese	26 Iron	27 Cobalt	28 Nickel	29 Copper	30 Zinc	31 Gallium	32 Germanium	33 Arsenic	34 Selenium	35 Bromine	36 Krypton														
5	37 Rubidium	38 Strontium	39 Yttrium	40 Zirconium	41 Niobium	42 Molybdenum	43 Technetium	44 Ruthenium	45 Rhodium	46 Palladium	47 Silver	48 Cadmium	49 Indium	50 Tin	51 Antimony	52 Tellurium	53 Iodine	54 Xenon														
6	55 Cesium	56 Barium	LANTHANIDES	72 Hafnium	73 Tantalum	74 Tungsten	75 Rhenium	76 Osmium	77 Iridium	78 Platinum	79 Gold	80 Mercury	81 Thallium	82 Lead	83 Bismuth	84 Polonium	85 Astatine	86 Radon														
7	87 Francium	88 Radium	ACTINIDES	104 Rutherfordium	105 Dubnium	106 Seaborgium	107 Bohrium	108 Hassium	109 Meitnerium	110 Darmstadtium	111 Roentgenium	112 Copernicium	113 Ununtrium	114 Ununquadium	115 Ununpentium	116 Ununhexium	117 Ununseptium	118 Ununoctium														
Currently, these elements are officially unnamed.																																
	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																	

## Color Key

ALKALI METALS	ALKALINE EARTH METALS	TRANSITION METALS	OTHER METALS	METALLOIDS	NONMETALS	HALOGENS	NOBLE GASES
		LANTHANIDES					
		ACTINIDES					

# Periodic Table Of The Elements

Period	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	Group 10	Group 11	Group 12	Group 13	Group 14	Group 15	Group 16	Group 17	Group 18
1	1 H																	2 He
2	3 Li	4 Be											5 B	6 C	7 N	8 O	9 F	10 Ne
3	11 Na	12 Mg											13 Al	14 Si	15 P	16 S	17 Cl	18 Ar
4	19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr
5	37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe
6	55 Cs	56 Ba	LANTHANIDES	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn
7	87 Fr	88 Ra	ACTINIDES	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Ds	111 Rg	112 Cn	113 Uut	114 Uuq	115 Uup	116 Uuh	117 Uus	118 Uuo
				57 La	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu
				89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr

Currently, these elements are officially unnamed.

## Color Key

ALKALI METALS	ALKALINE EARTH METALS	TRANSITION METALS	OTHER METALS	METALLOIDS	NONMETALS	HALOGENS	NOBLE GASES
		LANTHANIDES					
		ACTINIDES					

# Periodic Table Of The Elements

Period	Group																						
	1																	18					
	1	1																2					
	2	3	4															5	6	7	8	9	10
	3	11	12	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18				
	4	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36				
	5	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54				
6	55	56	○	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86					
7	87	88	○	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118					
Currently, these elements are officially unnamed.																							
				57	58	59	60	61	62	63	64	65	66	67	68	69	70	71					
				89	90	91	92	93	94	95	96	97	98	99	100	101	102	103					

## Color Key

ALKALI METALS	ALKALINE EARTH METALS	TRANSITION METALS	OTHER METALS	METALLOIDS	NONMETALS	HALOGENS	NOBLE GASES
		LANTHANIDES					
		ACTINIDES					

# Periodic Table Of The Elements

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

## Color Key

ALKALI METALS	ALKALINE EARTH METALS	TRANSITION METALS	OTHER METALS	METALLOIDS	NONMETALS	HALOGENS	NOBLE GASES
		LANTHANIDES					
		ACTINIDES					

Circle the entire group of nonmetals





# Periodic Table Of The Elements

Period	1											18							
	1	1 Hydrogen											2 Helium						
	2	3 Lithium	4 Beryllium											5 Boron	6 Carbon	7 Nitrogen	8 Oxygen	9 Fluorine	10 Neon
	3	11 Sodium	12 Magnesium	3	4	5	6	7	8	9	10	11	12	13 Aluminum	14 Silicon	15 Phosphorus	16 Sulfur	17 Chlorine	18 Argon
	4	19 Potassium	20 Calcium				24 Chromium	25 Manganese	26 Iron	27 Cobalt	28 Nickel	29 Copper	30 Zinc					35 Bromine	
	5										47 Silver			50 Tin				53 Iodine	
	6		56 Barium	○							78 Platinum	79 Gold	80 Mercury		82 Lead				
7		88 Radium	○																
							92 Uranium		94 Plutonium										

## Color Key

ALKALI METALS	ALKALINE EARTH METALS	TRANSITION METALS	OTHER METALS	METALLOIDS	NONMETALS	HALOGENS	NOBLE GASES
		LANTHANIDES					
		ACTINIDES					

Circle the entire group of nonmetals

# Periodic Table Of The Elements

Group	1											13	14	15	16	17	18		
Period	1	1											2						2
		H																	He
2		3	4											5	6	7	8	9	10
		Li	Be											B	C	N	O	F	Ne
3		11	12											13	14	15	16	17	18
		Na	Mg											Al	Si	P	S	Cl	Ar
4		19	20				24	25	26	27	28	29	30					35	
		K	Ca				Cr	Mn	Fe	Co	Ni	Cu	Zn					Br	
5												47					50		53
												Ag					Sn		I
6			56									78	79	80		82			86
			Ba									Pt	Au	Hg		Pb			Rn
7			88																
			Ra																
							92		94										
							U		Pu										

## Color Key

ALKALI METALS	ALKALINE EARTH METALS	TRANSITION METALS	OTHER METALS	METALLOIDS	NONMETALS	HALOGENS	NOBLE GASES
		LANTHANIDES					
		ACTINIDES					

Circle the entire group of nonmetals

# Periodic Table Of The Elements

Period	Group																		
	1																	18	
	1	2											13	14	15	16	17	18	
	2	3	4											5	6	7	8	9	10
	3	11	12	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	4	19	20				24	25	26	27	28	29	30					35	
	5											47			50			53	
6		56	○								78	79	80		82				86
7		88	○																
							92		94										

## Color Key

ALKALI METALS	ALKALINE EARTH METALS	TRANSITION METALS	OTHER METALS	METALLOIDS	NONMETALS	HALOGENS	NOBLE GASES
		LANTHANIDES					
		ACTINIDES					

Circle the entire group of nonmetals

# Periodic Table Of The Elements

Group	1																		18	
Period	1																			
	2																			
	3																			
	4																			
	5																			
	6																			
	7																			

## Color Key

ALKALI METALS	ALKALINE EARTH METALS	TRANSITION METALS	OTHER METALS	METALLOIDS	NONMETALS	HALOGENS	NOBLE GASES
		LANTHANIDES					
		ACTINIDES					

Circle the entire group of nonmetals

