

BẢNG TUẦN HOÀN CÁC NGUYÊN TỐ HÓA HỌC

(IA)
(1)

1
H
Hydrogen

(IIA)
(2)

2
Li
Lithium

(IIIB)
(3)

3
Na
Sodium

(IVB)
(4)

4
K
Potassium

(VB)
(5)

5
Rb
Rubidium

(VIB)
(6)

6
Cs
Cesium

(VII)
(7)

7
Fr
Francium

(IIA)
(2)

8
He
Helium

(IIIB)
(3)

9
Be
Beryllium

(IVB)
(4)

10
Mg
Magnesium

(VB)
(5)

11
Ca
Calcium

(VIB)
(6)

12
Sr
Strontium

(VII)
(7)

13
Ba
Barium

(VIII)
(8)

14
Ra
Radium

(IIIB)
(3)

15
Al
Aluminium

(IVB)
(4)

16
Ga
Gallium

(VB)
(5)

17
In
Indium

(VIB)
(6)

18
Tl
Thallium

(VII)
(7)

19
Pb
Lead

(VIII)
(8)

20
Bi
Bismuth

(IX)
(9)

21
Po
Polonium

(X)
(10)

22
At
Astatine

(XI)
(11)

23
Fr
Francium

(XII)
(12)

24
Ra
Radium

(IIIB)
(3)

25
Sc
Scandium

(IVB)
(4)

26
Ti
Titanium

(VB)
(5)

27
V
Vanadium

(VIB)
(6)

28
Cr
Chromium

(VII)
(7)

29
Mn
Manganese

(VIII)
(8)

30
Fe
Iron

(IX)
(9)

31
Co
Cobalt

(X)
(10)

32
Ni
Nickel

(XI)
(11)

33
Cu
Copper

(XII)
(12)

34
Zn
Zinc

(IIIB)
(3)

35
Y
Yttrium

(IVB)
(4)

36
Zr
Zirconium

(VB)
(5)

37
Nb
Niobium

(VIB)
(6)

38
Mo
Molybdenum

(VII)
(7)

39
Tc
Technetium

(VIII)
(8)

40
Ru
Ruthenium

(IX)
(9)

41
Rh
Rhodium

(X)
(10)

42
Pd
Palladium

(XI)
(11)

43
Ag
Silver

(XII)
(12)

44
Cd
Cadmium

(IIIB)
(3)

45
La
Lanthanum

(IVB)
(4)

46
Ce
Cerium

(VB)
(5)

47
Pr
Praseodymium

(VIB)
(6)

48
Nd
Neodymium

(VII)
(7)

49
Pm
Promethium

(VIII)
(8)

50
Sm
Samarium

(IX)
(9)

51
Eu
Europium

(X)
(10)

52
Gd
Gadolinium

(XI)
(11)

53
Tb
Terbium

(XII)
(12)

54
Dy
Dysprosium

(IIIB)
(3)

55
Ce
Cerium

(IVB)
(4)

56
Pr
Praseodymium

(VB)
(5)

57
Nd
Neodymium

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(6)

58
Pm
Promethium

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Sm
Samarium

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Eu
Europium

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Gadolinium

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Tb
Terbium

(XI)
(11)

63
Dy
Dysprosium

(XII)
(12)

64
Ho
Holmium

(IIIB)
(3)

65
La
Lanthanum

(IVB)
(4)

66
Ce
Cerium

(VB)
(5)

67
Pr
Praseodymium

(VIB)
(6)

68
Nd
Neodymium

(VII)
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69
Pm
Promethium

(VIII)
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Sm
Samarium

(IX)
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71
Eu
Europium

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72
Gd
Gadolinium

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73
Tb
Terbium

(XII)
(12)

74
Dy
Dysprosium

(IIIB)
(3)

75
La
Lanthanum

(IVB)
(4)

76
Ce
Cerium

(VB)
(5)

77
Pr
Praseodymium

(VIB)
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78
Nd
Neodymium

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Pm
Promethium

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Samarium

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Europium

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82
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Gadolinium

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83
Tb
Terbium

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84
Dy
Dysprosium

(IIIB)
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85
La
Lanthanum

(IVB)
(4)

86
Ce
Cerium

(VB)
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87
Pr
Praseodymium

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88
Nd
Neodymium

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89
Pm
Promethium

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90
Sm
Samarium

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91
Eu
Europium

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92
Gd
Gadolinium

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93
Tb
Terbium

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94
Dy
Dysprosium

(IIIB)
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95
La
Lanthanum

(IVB)
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96
Ce
Cerium

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97
Pr
Praseodymium

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98
Nd
Neodymium

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99
Pm
Promethium

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100
Sm
Samarium

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101
Eu
Europium

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102
Gd
Gadolinium

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103
Tb
Terbium

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104
Dy
Dysprosium

(IIIB)
(3)

105
La
Lanthanum

(IVB)
(4)

106
Ce
Cerium

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107
Pr
Praseodymium

(VIB)
(6)

108
Nd
Neodymium

(VII)
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109
Pm
Promethium

(VIII)
(8)

110
Sm
Samarium

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111
Eu
Europium

(X)
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112
Gd
Gadolinium

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113
Tb
Terbium

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114
Dy
Dysprosium

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115
La
Lanthanum

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116
Ce
Cerium

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117
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Praseodymium

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118
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Neodymium

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Promethium

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Samarium

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Gadolinium

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Terbium

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Dysprosium

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125
La
Lanthanum

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126
Ce
Cerium

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127
Pr
Praseodymium

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128
Nd
Neodymium

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129
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Promethium

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130
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Samarium

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131
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Europium

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Terbium

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Dysprosium

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135
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Lanthanum

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136
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Cerium

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137
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Praseodymium

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138
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Promethium

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Samarium

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La
Lanthanum

(IVB)
(4)

366
Ce
Cerium

(VB)
(5)

367
Pr
Praseodymium

(VIB)
(6)

368
Nd
Neodymium

(VII)
(7)

369
Pm
Promethium

(VIII)
(8)

370
Sm
Samarium

(IX)
(9)

371
Eu
Europium

(X)
(10)

372
Gd
Gadolinium

(XI)
(11)

373
Tb
Terbium

(XII)
(12)

374
Dy
Dysprosium

(IIIB)
(3)

375
La
Lanthanum

(IVB)
(4)

376
Ce
Cerium

(VB)
(5)

377
Pr
Praseodymium

(VIB)
(6)

378
Nd
Neodymium

(VII)
(7)

379
Pm
Promethium

(VIII)
(8)

380
Sm
Samarium

(IX)
(9)

381
Eu
Europium

(X)
(10)

382
Gd
Gadolinium

(XI)
(11)

383
Tb
Terbium

(XII)
(

1. Ô nguyên tố

The diagram shows a central periodic table element tile for Magnesium (Mg). The tile is a rounded square with a black border. Inside the tile, the atomic number '12' is in the top left corner. The chemical symbol 'Mg' is in the center in a large, bold font. Below the symbol, the word 'Magnesium' is written in a smaller font. At the bottom of the tile, the atomic weight '24.31' is displayed. Surrounding the central tile are four empty rectangular boxes, each with a colored border: a red box at the top left, a green box at the top right, a blue box at the bottom left, and a yellow box at the bottom right. Colored lines point from each box to a specific part of the element tile: a red line from the red box to the atomic number '12', a green line from the green box to the chemical symbol 'Mg', a blue line from the blue box to the element name 'Magnesium', and a yellow line from the yellow box to the atomic weight '24.31'.



- Mỗi nguyên tố hoá học được xếp vào một ô của bảng tuần hoàn, gọi là ô nguyên tố.

- Ô nguyên tố cho biết: số hiệu nguyên tử, kí hiệu hoá học, tên nguyên tố và khối lượng nguyên tử của nguyên tố đó.

Số hiệu nguyên tử (Z) = Số đơn vị điện tích hạt nhân = Số p = Số e = Số thứ tự ô

2. Chu kì

- Bảng tuần hoàn có chu kì

Điền thông tin vào bảng sau

Chu kì	Số lượng	Nguyên tố đầu	Nguyên tố kết thúc	Số lớp e
1				
2				
3				
4				
5				
6				
7				