

Converting Colors

CIELCh(62, 64.233, 63.034)

Have a look what the booklet for
CIELCh(62, 64.233, 63.034) contains.

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Color

CIELCh(62, 64.080, 62.852)

Conversions

Conversions Part 1

Format	Color
Hex	DA7F2C
RGB	218, 127, 44
RGB Percent	85%, 50%, 17%
CMY	0.1437, 0.5007, 0.8262
CMYK	0.00, 0.42, 0.80, 0.14
HSL	29°, 70%, 52%
HSV	29°, 80%, 86%
XYZ	37.1106, 30.4025, 6.3262
YIQ	144.7470, 80.8790, -6.5210

Conversions

Conversions Part 2

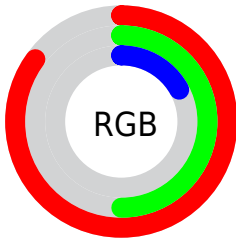
Format	Color
R _{YB}	218, 203, 44
Decimal	14319404
CIE Lab	62.00, 29.24, 57.02
CIE LCh	62, 64.080, 62.852
Yxy	30.4025, 0.5026, 0.4117
Android (android.graphics.Color)	4292509484 (0xFFDA7F2C)
YUV	144.7470, -49.6683, 64.2429
Hunter-Lab	55.1385, 23.6459, 31.7944

Details

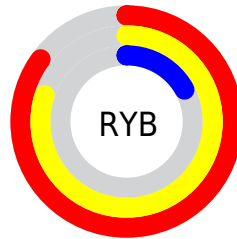
The CIELCh color **62, 64.080, 62.852** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **55, 49.917, 272.962**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 56.209, 70.130**, and **42, 59.410, 60.323** is the 20% darker color. If you saturate the color by 10%, you get **59, 71.327, 60.924**, and if you desaturate by 10%, it is **65, 55.633, 64.341**.

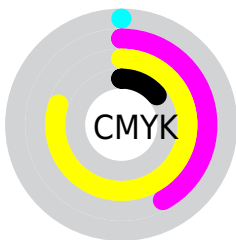
Distribution



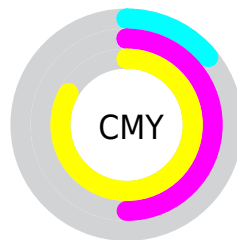
- Red (85%)
- Green (50%)
- Blue (17%)



- Red (85%)
- Yellow (80%)
- Blue (17%)



- Cyan (0%)
- Magenta (42%)
- Yellow (80%)
- Black (14%)



- Cyan (14%)
- Magenta (50%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 64.080, 62.852 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 62, 64.080, 62.852 by changing the saturation by 10% instead.

62, 64.080, 62.852

62, 64.080, 62.852

100, 64.080,
62.852

52, 64.080, 62.852

82, 64.080, 62.852

42, 64.080, 62.852

92, 64.080, 62.852

32, 64.080, 62.852

22, 64.080, 62.852

12, 64.080, 62.852

2, 64.080, 62.852

0, 64.080, 62.852

62, 64.080, 62.852

62, 64.080, 62.852

59, 71.327, 60.924

65, 55.633, 64.341

57, 76.629, 58.346

68, 46.829, 65.637

57, 76.784, 58.275

71, 38.113, 66.866

74, 29.692, 68.077

77, 21.646, 69.285

80, 13.992, 70.487

84, 6.718, 71.658

87, 0.207, 254.898

91, 6.815, 254.130

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62, 64.080, 62.852



55, 49.917, 272.962

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62, 64.080, 62.852



62, 64.080, 112.852



62, 64.080, 242.852



62, 64.080, 292.852

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62, 64.078, 62.855



91, 19.553, 69.947



50, 71.714, 352.702



47, 13.558, 69.514



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62, 64.078, 62.855



67, 84.470, 59.055



83, 77.559, 101.566



44, 3.940, 71.689



46, 64.410, 58.916



10, 18.367, 57.112

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55, 49.917, 272.962



58, 67.478, 280.836



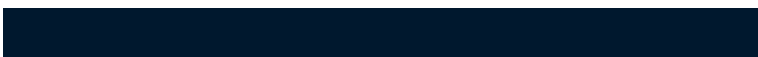
34, 100.793, 303.020



44, 3.841, 254.136



39, 51.389, 281.466



8, 17.466, 271.334

Previews

White Background



This preview shows how the CIELCh color 62, 64.080, 62.852 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 62, 64.080, 62.852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 64.080, 62.852

Background



This preview shows how black text looks on a background with the CIELCh color 62, 64.080, 62.852.



This preview shows how white text looks on a background with the CIELCh color 62, 64.080, 62.852.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

62, 64.080, 62.852

Protanopia

62, 53.279, 95.812

Deuteranopia

62, 58.778, 82.362



Tritanopia
62, 43.365, 18.124

Trichromacy



Original Color
62, 64.080, 62.852

Protanomaly
62, 54.347, 82.133

Deuteranomaly
62, 59.965, 74.495

Tritanomaly
62, 47.034, 39.805

Monochromacy



Original Color
62, 64.080, 62.852

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 22.793, 69.235

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 64.080, 62.852 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(218, 127, 44)` looks like.

```
.text, #text, p{  
    color:rgb(218, 127, 44)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(218, 127, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 127, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 64.080, 62.852 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 127, 44) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(218, 127, 44) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(218, 127, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 127, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 127, 44);  
box-shadow:4px 4px 4px 4px rgb(218, 127,  
44) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 64.080, 62.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 127, 44) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(218,  
127, 44) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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