

Converting Colors

CIELCh(61, 67.544, 67.293)

Have a look what the booklet for
CIELCh(61, 67.544, 67.293) contains.

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Color

CIELCh(61, 67.501, 67.135)

Conversions

Conversions Part 1

Format	Color
Hex	D47F1A
RGB	212, 127, 26
RGB Percent	83%, 50%, 10%
CMY	0.1687, 0.5020, 0.8980
CMYK	0.00, 0.40, 0.88, 0.17
HSL	33°, 78%, 47%
HSV	33°, 88%, 83%
XYZ	34.9246, 29.2481, 4.7816
YIQ	140.9010, 83.0810, -13.3910

Conversions

Conversions Part 2

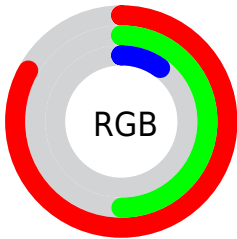
Format	Color
RYB	183, 212, 26
Decimal	13926170
CIELab	61.00, 26.23, 62.20
CIElCh	61, 67.501, 67.135
Yxy	29.2481, 0.5065, 0.4242
Android (android.graphics.Color)	4292116250 (0xFFD47F1A)
YUV	140.9010, -56.6462, 62.3538
Hunter-Lab	54.0815, 20.6285, 32.6149

Details

The CIELCh color **61, 67.501, 67.135** 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 **47, 60.209, 283.194**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 61.954, 72.839**, and **41, 57.263, 62.056** is the 20% darker color. If you saturate the color by 10%, you get **59, 72.141, 64.488**, and if you desaturate by 10%, it is **63, 60.817, 69.156**.

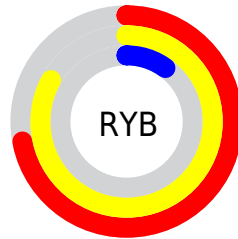
Distribution



Red (83%)

Green (50%)

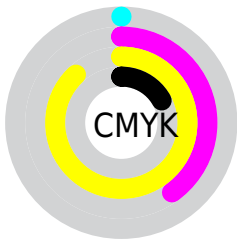
Blue (10%)



Red (72%)

Yellow (83%)

Blue (10%)

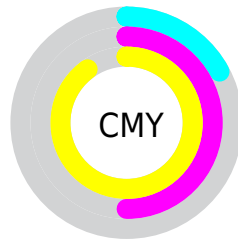


Cyan (0%)

Magenta (40%)

Yellow (88%)

Black (17%)



Cyan (17%)

Magenta (50%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 67.501, 67.135 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 61, 67.501, 67.135 by changing the saturation by 10% instead.

61, 67.501, 67.135

61, 67.501, 67.135

100, 67.501,
67.135

51, 67.501, 67.135

81, 67.501, 67.135

41, 67.501, 67.135

91, 67.501, 67.135

31, 67.501, 67.135

21, 67.501, 67.135

11, 67.501, 67.135

1, 67.501, 67.135

0, 67.501, 67.135

61, 67.501, 67.135

61, 67.501, 67.135

59, 72.141, 64.488

63, 60.817, 69.156

58, 73.102, 63.888

66, 52.959, 70.806

68, 44.664, 72.282

71, 36.343, 73.678

74, 28.200, 75.034

77, 20.322, 76.363

80, 12.737, 77.661

83, 5.444, 78.903

86, 1.574, 260.434

Harmonies

Complementary

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



61, 67.501, 67.135



47, 60.209, 283.194

Rectangle

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



61, 67.501, 67.135



61, 67.501, 117.135



61, 67.501, 247.135



61, 67.501, 297.135

Sweetspot

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



61, 67.499, 67.138



91, 22.065, 76.554



47, 71.269, 0.519



47, 15.062, 76.094



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 67.499, 67.138



69, 84.167, 63.464



82, 81.400, 104.983



44, 4.042, 78.701



48, 62.114, 64.482



10, 17.119, 64.428

Inverse Universe

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



47, 60.209, 283.194



52, 80.241, 288.910



29, 109.077, 305.331



43, 3.979, 261.238



35, 57.878, 287.746



6, 18.267, 276.685

Previews

White Background



This preview shows how the CIELCh color 61, 67.501, 67.135 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 67.501, 67.135 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 × Fail

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

CIELCh 61, 67.501, 67.135

Background



This preview shows how black text looks on a background with the CIELCh color 61, 67.501, 67.135.



This preview shows how white text looks on a background with the CIELCh color 61, 67.501, 67.135.

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

61, 67.501, 67.135

Protanopia

61, 58.682, 95.358

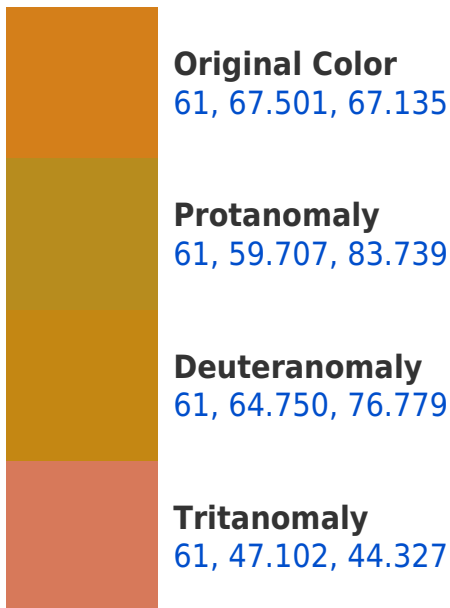
Deuteranopia

61, 64.070, 82.853



Tritanopia
61, 41.367, 17.572

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 67.501, 67.135 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(212, 127, 26)` looks like.

```
.text, #text, p{  
    color:rgb(212, 127, 26)  
}
```

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(212, 127, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 127, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 67.501, 67.135 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(212, 127, 26) }
```

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

```
.border{ border-color:rgb(212, 127, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 127, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 127, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 127, 26);  
box-shadow:4px 4px 4px 4px rgb(212, 127,  
26) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 67.501, 67.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 127, 26) }
```

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

```
.background{ background-color: rgb(212,  
127, 26) }
```

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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