

Converting Colors

CIELCh(52, 66.504, 57.390)

Have a look what the booklet for
CIELCh(52, 66.504, 57.390) contains.

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Color

CIELCh(52, 66.510, 57.390)

Conversions

Conversions Part 1

Format	Color
Hex	C46014
RGB	196, 96, 20
RGB Percent	77%, 38%, 8%
CMY	0.2315, 0.6236, 0.9217
CMYK	0.00, 0.51, 0.90, 0.23
HSL	26°, 82%, 42%
HSV	26°, 90%, 77%
XYZ	27.0649, 20.1443, 3.1222
YIQ	117.2360, 83.9960, -2.4360

Conversions

Conversions Part 2

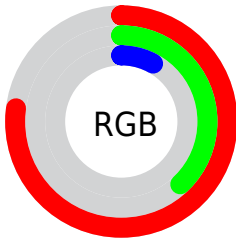
Format	Color
R _Y B	196, 154, 20
Decimal	12869652
CIE Lab	52.00, 35.84, 56.03
CIE LCh	52, 66.510, 57.390
Yxy	20.1443, 0.5377, 0.4002
Android (android.graphics.Color)	4291059732 (0xFFC46014)
YUV	117.2360, -47.9373, 69.0760
Hunter-Lab	44.8824, 29.0942, 27.2932

Details

The CIELCh color **52, 66.510, 57.390** 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 **49, 47.029, 271.854**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 65.357, 58.172**, and **32, 56.993, 50.382** is the 20% darker color. If you saturate the color by 10%, you get **50, 72.157, 55.206**, and if you desaturate by 10%, it is **54, 59.308, 59.025**.

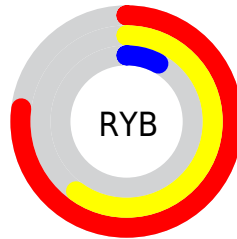
Distribution



Red (77%)

Green (38%)

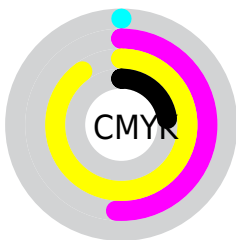
Blue (8%)



Red (77%)

Yellow (60%)

Blue (8%)

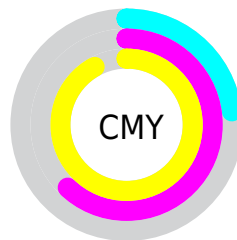


Cyan (0%)

Magenta (51%)

Yellow (90%)

Black (23%)



Cyan (23%)

Magenta (62%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 66.510, 57.390 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 52, 66.510, 57.390 by changing the saturation by 10% instead.

■ 52, 66.510, 57.390

■ 52, 66.510, 57.390

■ 100, 66.510,
57.390

■ 42, 66.510, 57.390

■ 72, 66.510, 57.390

■ 32, 66.510, 57.390

■ 82, 66.510, 57.390

■ 22, 66.510, 57.390

■ 92, 66.510, 57.390

■ 12, 66.510, 57.390

■ 2, 66.510, 57.390

■ 0, 66.510, 57.390

■ 52, 66.510, 57.390

■ 52, 66.510, 57.390

■ 50, 72.157, 55.206

■ 54, 59.308, 59.025

■ 50, 72.269, 55.171

■ 57, 51.180, 60.243

60, 42.866, 61.306

63, 34.740, 62.334

66, 26.965, 63.373

69, 19.599, 64.433

73, 12.645, 65.505

76, 6.082, 66.564

79, 0.123, 251.102

Harmonies

Complementary

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



52, 66.510, 57.390



49, 47.029, 271.854

Rectangle

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



52, 66.510, 57.390



52, 66.510, 107.390



52, 66.510, 237.390



52, 66.510, 287.390

Sweetspot

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



52, 66.508, 57.393



89, 21.828, 64.688



44, 70.210, 351.454



46, 14.861, 64.317



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 66.508, 57.393



64, 88.521, 54.539



73, 72.809, 97.890



39, 3.479, 66.610



41, 62.105, 55.765



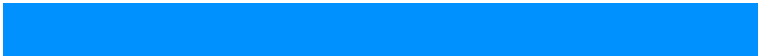
6, 11.485, 50.856

Inverse Universe

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



49, 47.029, 271.854



59, 63.983, 277.572



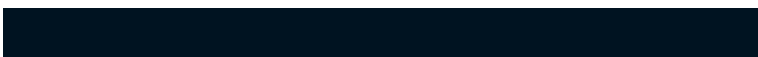
28, 98.289, 303.670



39, 3.370, 248.883



38, 44.094, 275.959



5, 11.913, 262.925

Previews

White Background



This preview shows how the CIELCh color 52, 66.510, 57.390 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 52, 66.510, 57.390 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 52, 66.510, 57.390

Background



This preview shows how black text looks on a background with the CIELCh color 52, 66.510, 57.390.



This preview shows how white text looks on a background with the CIELCh color 52, 66.510, 57.390.

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

52, 66.510, 57.390

Protanopia

52, 51.049, 95.575

Deuteranopia

52, 58.619, 83.399

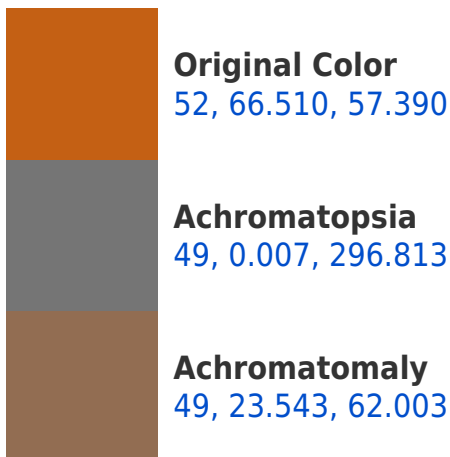


Tritanopia
52, 47.875, 21.706

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIElCh 52, 66.510, 57.390 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(196, 96, 20)` looks like.

```
.text, #text, p{  
    color:rgb(196, 96, 20)  
}
```

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(196, 96, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 96, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 66.510, 57.390 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(196, 96, 20) }
```

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

```
.border{ border-color:rgb(196, 96, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 96, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 96, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 96, 20);  
box-shadow:4px 4px 4px 4px rgb(196, 96,  
20) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 66.510, 57.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 96, 20) }
```

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

```
.background{ background-color: rgb(196, 96,  
20) }
```

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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