

Converting Colors

CIELCh(57, 58.107, 66.420)

Have a look what the booklet for
CIELCh(57, 58.107, 66.420) contains.

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Color

CIELCh(57, 58.107, 66.420)

Conversions

Conversions Part 1

Format	Color
Hex	C27727
RGB	194, 119, 39
RGB Percent	76%, 47%, 15%
CMY	0.2379, 0.5322, 0.8459
CMYK	0.00, 0.39, 0.80, 0.24
HSL	31°, 66%, 46%
HSV	31°, 80%, 76%
XYZ	29.3354, 24.9227, 5.2096
YIQ	132.3050, 70.3800, -8.9800

Conversions

Conversions Part 2

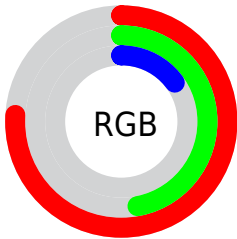
Format	Color
RYB	184, 194, 39
Decimal	12744487
CIELab	57.00, 23.24, 53.26
CIElCh	57, 58.107, 66.420
Yxy	24.9227, 0.4933, 0.4191
Android (android.graphics.Color)	4290934567 (0xFFC27727)
YUV	132.3050, -45.9994, 54.1065
Hunter-Lab	49.9226, 17.5251, 28.7587

Details

The CIELCh color **57, 58.107, 66.420** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **48, 48.607, 276.988**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 58.243, 66.832**, and **37, 52.529, 63.182** is the 20% darker color. If you saturate the color by 10%, you get **55, 64.365, 64.394**, and if you desaturate by 10%, it is **59, 50.702, 68.036**.

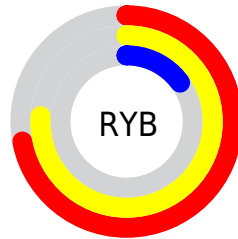
Distribution



Red (76%)

Green (47%)

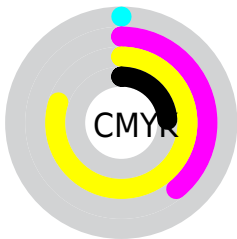
Blue (15%)



Red (72%)

Yellow (76%)

Blue (15%)

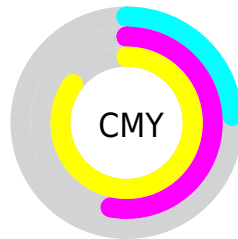


Cyan (0%)

Magenta (39%)

Yellow (80%)

Black (24%)



Cyan (24%)

Magenta (53%)

Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 58.107, 66.420 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 57, 58.107, 66.420 by changing the saturation by 10% instead.

 57, 58.107, 66.420

 57, 58.107, 66.420

 100, 58.107,
66.420

 47, 58.107, 66.420

 77, 58.107, 66.420

 37, 58.107, 66.420

 87, 58.107, 66.420

 27, 58.107, 66.420

 97, 58.107, 66.420

 17, 58.107, 66.420

 7, 58.107, 66.420

 0, 58.107, 66.420

 57, 58.107, 66.420

 57, 58.107, 66.420

 55, 64.365, 64.394

 59, 50.702, 68.036

 53, 68.986, 61.830

 62, 42.886, 69.456

53, 69.091, 61.779

64, 35.065, 70.795

67, 27.440, 72.100

70, 20.094, 73.385

73, 13.052, 74.649

76, 6.311, 75.874

79, 0.148, 259.509

82, 6.349, 258.402

Harmonies

Complementary

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



57, 58.107, 66.420



48, 48.607, 276.988

Rectangle

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



57, 58.107, 66.420



57, 58.107, 116.420



57, 58.107, 246.420



57, 58.107, 296.420

Sweetspot

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



57, 58.106, 66.423



91, 19.788, 74.071



45, 64.682, 355.074



47, 13.817, 73.610



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 58.106, 66.423



68, 82.563, 62.319



76, 72.571, 103.416



39, 3.647, 75.922



44, 59.850, 62.351



7, 11.518, 60.068

Inverse Universe

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



48, 48.607, 276.988



54, 72.323, 284.751



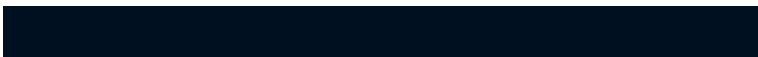
29, 94.536, 303.762



39, 3.578, 258.406



34, 52.209, 285.089



4, 13.041, 270.701

Previews

White Background



This preview shows how the CIELCh color 57, 58.107, 66.420 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 57, 58.107, 66.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

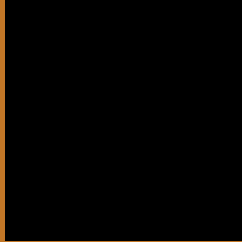
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 58.107, 66.420

Background



This preview shows how black text looks on a background with the CIELCh color 57, 58.107, 66.420.



This preview shows how white text looks on a background with the CIELCh color 57, 58.107, 66.420.

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

57, 58.107, 66.420

Protanopia

57, 50.313, 95.647

Deuteranopia

57, 54.561, 81.881



Tritanopia
57, 36.764, 17.072

Trichromacy



Original Color
57, 58.107, 66.420

Protanomaly
57, 51.330, 83.702

Deuteranomaly
57, 55.222, 75.736

Tritanomaly
57, 40.343, 42.309

Monochromacy



Original Color
57, 58.107, 66.420

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 20.554, 72.843

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 58.107, 66.420 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(194, 119, 39)` looks like.

```
.text, #text, p{  
    color:rgb(194, 119, 39)  
}
```

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(194, 119, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 119, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 58.107, 66.420 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(194, 119, 39) }
```

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

```
.border{ border-color:rgb(194, 119, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 119, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 119, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 119, 39);  
box-shadow:4px 4px 4px 4px rgb(194, 119,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 58.107, 66.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 119, 39) }
```

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

```
.background{ background-color: rgb(194,  
119, 39) }
```

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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