

Converting Colors

CIELCh(57, 58.794, 69.005)

Have a look what the booklet for
CIELCh(57, 58.794, 69.005) contains.

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Color

CIELCh(57, 58.819, 68.929)

Conversions

Conversions Part 1

Format	Color
Hex	C07923
RGB	192, 121, 35
RGB Percent	75%, 47%, 14%
CMY	0.2480, 0.5262, 0.8636
CMYK	0.00, 0.37, 0.82, 0.25
HSL	33°, 69%, 44%
HSV	33°, 82%, 75%
XYZ	28.7924, 24.9227, 4.8664
YIQ	132.4250, 69.9220, -11.6940

Conversions

Conversions Part 2

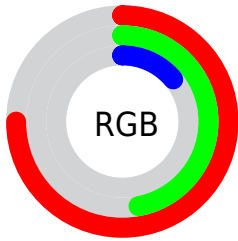
Format	Color
RYB	165, 192, 35
Decimal	12613923
CIELab	57.00, 21.15, 54.89
CIElCh	57, 58.819, 68.929
Yxy	24.9227, 0.4915, 0.4254
Android (android.graphics.Color)	4290804003 (0xFFC07923)
YUV	132.4250, -48.0305, 52.2473
Hunter-Lab	49.9226, 15.5838, 29.1664

Details

The CIELCh color **57, 58.819, 68.929** 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 **45, 52.145, 280.947**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 58.947, 69.259**, and **37, 51.592, 65.185** is the 20% darker color. If you saturate the color by 10%, you get **55, 64.320, 66.719**, and if you desaturate by 10%, it is **59, 51.910, 70.685**.

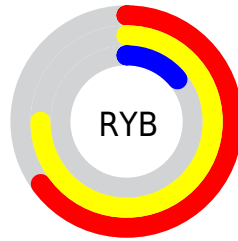
Distribution



Red (75%)

Green (47%)

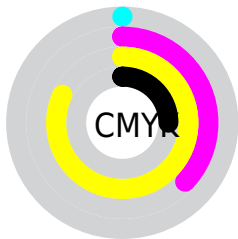
Blue (14%)



Red (65%)

Yellow (75%)

Blue (14%)

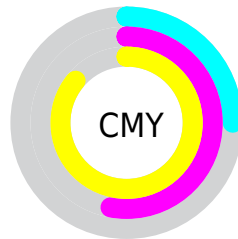


Cyan (0%)

Magenta (37%)

Yellow (82%)

Black (25%)



Cyan (25%)

Magenta (53%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 58.819, 68.929 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, 58.819, 68.929 by changing the saturation by 10% instead.

■ 57, 58.819, 68.929

■ 57, 58.819, 68.929

■ 100, 58.819,
68.929

■ 47, 58.819, 68.929

■ 77, 58.819, 68.929

■ 37, 58.819, 68.929

■ 87, 58.819, 68.929

■ 27, 58.819, 68.929

■ 97, 58.819, 68.929

■ 17, 58.819, 68.929

■ 7, 58.819, 68.929

■ 0, 58.819, 68.929

■ 57, 58.819, 68.929

■ 57, 58.819, 68.929

■ 55, 64.320, 66.719

■ 59, 51.910, 70.685

■ 53, 67.651, 64.584

■ 62, 44.379, 72.210

64, 36.699, 73.628

66, 29.117, 74.996

69, 21.747, 76.332

72, 14.634, 77.639

74, 7.786, 78.907

77, 1.192, 79.934

80, 5.166, 261.480

Harmonies

Complementary

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



57, 58.819, 68.929



45, 52.145, 280.947

Rectangle

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



57, 58.819, 68.929



57, 58.819, 118.929



57, 58.819, 248.929



57, 58.819, 298.929

Sweetspot

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



57, 58.818, 68.932



90, 20.896, 77.180



43, 64.140, 358.292



47, 14.352, 76.716



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



57, 58.818, 68.932



69, 81.911, 64.525



75, 72.892, 105.137



40, 3.735, 79.211



45, 59.233, 65.105



7, 11.618, 63.848

Inverse Universe

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



45, 52.145, 280.947



51, 77.991, 288.448



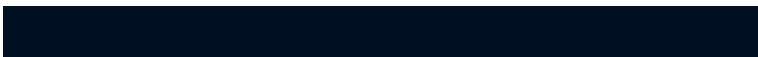
28, 95.452, 304.414



39, 3.681, 261.721



32, 55.555, 287.942



4, 13.485, 273.091

Previews

White Background



This preview shows how the CIELCh color 57, 58.819, 68.929 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, 58.819, 68.929 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, 58.819, 68.929

Background



This preview shows how black text looks on a background with the CIELCh color 57, 58.819, 68.929.



This preview shows how white text looks on a background with the CIELCh color 57, 58.819, 68.929.

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, 58.819, 68.929

Protanopia

57, 52.280, 95.713

Deuteranopia

57, 56.238, 82.305



Tritanopia
57, 35.041, 16.472

Trichromacy



Original Color
57, 58.819, 68.929

Protanomaly
57, 53.247, 85.259

Deuteranomaly
57, 56.775, 77.357

Tritanomaly
57, 39.180, 44.382

Monochromacy



Original Color
57, 58.819, 68.929

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 21.265, 75.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 58.819, 68.929 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(192, 121, 35)` looks like.

```
.text, #text, p{  
    color:rgb(192, 121, 35)  
}
```

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(192, 121, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 121, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 58.819, 68.929 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(192, 121, 35) }
```

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

```
.border{ border-color:rgb(192, 121, 35) }
```

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

Here you see how a box with a 4 pixel rgb(192, 121, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 121, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 121, 35);  
box-shadow:4px 4px 4px 4px rgb(192, 121,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 58.819, 68.929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 121, 35) }
```

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

```
.background{ background-color: rgb(192,  
121, 35) }
```

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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