

Converting Colors

CIELCh(57, 55.662, 73.130)

Have a look what the booklet for
CIELCh(57, 55.662, 73.130) contains.

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Color

CIELCh(57, 55.802, 72.769)

Conversions

Conversions Part 1

Format	Color
Hex	B97C26
RGB	185, 124, 38
RGB Percent	73%, 49%, 15%
CMY	0.2739, 0.5132, 0.8504
CMYK	0.00, 0.33, 0.79, 0.27
HSL	35°, 66%, 44%
HSV	35°, 79%, 73%
XYZ	27.6211, 24.9227, 5.2005
YIQ	132.4350, 63.9620, -13.8140

Conversions

Conversions Part 2

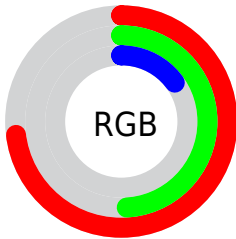
Format	Color
R_{YB}	142, 185, 38
Decimal	12155942
CIE _{Lab}	57.00, 16.53, 53.30
CIE _{LCh}	57, 55.802, 72.769
Yxy	24.9227, 0.4783, 0.4316
Android (android.graphics.Color)	4290346022 (0xFFB97C26)
YUV	132.4350, -46.5565, 46.0995
Hunter-Lab	49.9226, 11.3956, 28.7695

Details

The CIELCh color **57, 55.802, 72.769** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **43, 52.302, 283.159**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 55.714, 73.101**, and **37, 49.369, 69.697** is the 20% darker color. If you saturate the color by 10%, you get **55, 61.252, 70.693**, and if you desaturate by 10%, it is **59, 49.107, 74.490**.

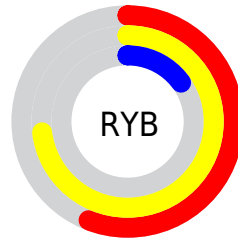
Distribution



Red (73%)

Green (49%)

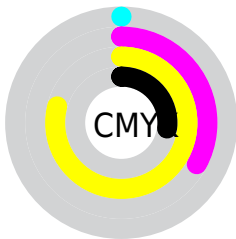
Blue (15%)



Red (56%)

Yellow (73%)

Blue (15%)

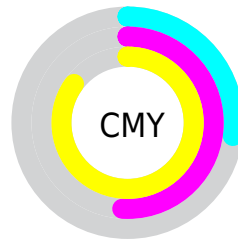


Cyan (0%)

Magenta (33%)

Yellow (79%)

Black (27%)



Cyan (27%)

Magenta (51%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 55.802, 72.769 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, 55.802, 72.769 by changing the saturation by 10% instead.

■ 57, 55.802, 72.769

■ 57, 55.802, 72.769

■ 100, 55.802,
72.769

■ 47, 55.802, 72.769

■ 77, 55.802, 72.769

■ 37, 55.802, 72.769

■ 87, 55.802, 72.769

■ 27, 55.802, 72.769

■ 97, 55.802, 72.769

■ 17, 55.802, 72.769

■ 7, 55.802, 72.769

■ 0, 55.802, 72.769

■ 57, 55.802, 72.769

■ 57, 55.802, 72.769

■ 55, 61.252, 70.693

■ 59, 49.107, 74.490

■ 53, 65.046, 68.148

■ 61, 41.847, 76.025

53, 65.280, 68.004

63, 34.433, 77.469

66, 27.080, 78.861

68, 19.893, 80.217

70, 12.913, 81.535

73, 6.152, 82.802

75, 0.396, 264.818

78, 6.745, 265.348

Harmonies

Complementary

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



57, 55.802, 72.769



43, 52.302, 283.159

Rectangle

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



57, 55.802, 72.769



57, 55.802, 122.769



57, 55.802, 252.769



57, 55.802, 302.769

Sweetspot

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



57, 55.801, 72.772



87, 19.868, 80.882



42, 60.747, 1.466



45, 13.720, 80.413



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



57, 55.801, 72.772



69, 77.586, 68.836



72, 69.911, 107.871



38, 3.683, 82.810



45, 57.335, 68.507



6, 9.083, 70.912

Inverse Universe

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



43, 52.302, 283.159



48, 78.128, 290.044



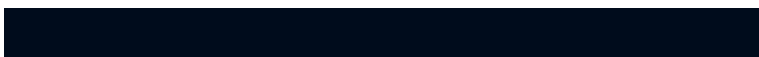
28, 89.976, 304.534



37, 3.648, 265.304



30, 57.968, 290.761



3, 11.034, 273.343

Previews

White Background



This preview shows how the CIELCh color 57, 55.802, 72.769 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, 55.802, 72.769 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, 55.802, 72.769

Background



This preview shows how black text looks on a background with the CIELCh color 57, 55.802, 72.769.



This preview shows how white text looks on a background with the CIELCh color 57, 55.802, 72.769.

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, 55.802, 72.769

Protanopia

57, 51.117, 95.676

Deuteranopia

57, 54.003, 82.241



Tritanopia
57, 31.125, 13.932

Trichromacy



Original Color
57, 55.802, 72.769

Protanomaly
57, 51.442, 87.039

Deuteranomaly
57, 54.449, 78.665

Tritanomaly
57, 35.178, 46.539

Monochromacy



Original Color
57, 55.802, 72.769

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 20.246, 79.547

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 55.802, 72.769 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(185, 124, 38)` looks like.

```
.text, #text, p{  
    color:rgb(185, 124, 38)  
}
```

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(185, 124, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 124, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 55.802, 72.769 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(185, 124, 38) }
```

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

```
.border{ border-color:rgb(185, 124, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 124, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 124, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 124, 38);  
box-shadow:4px 4px 4px 4px rgb(185, 124,  
38) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 55.802, 72.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 124, 38) }
```

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

```
.background{ background-color: rgb(185,  
124, 38) }
```

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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