

Converting Colors

CIELCh(57, 56.638, 56.635)

Have a look what the booklet for
CIELCh(57, 56.638, 56.635) contains.

CIELCh(57, 56.570, 56.411)	3
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Color

CIELCh(57, 56.570, 56.411)

Conversions

Conversions Part 1

Format	Color
Hex	CC7136
RGB	204, 113, 54
RGB Percent	80%, 44%, 21%
CMY	0.1999, 0.5568, 0.7881
CMYK	0.00, 0.45, 0.74, 0.20
HSL	24°, 60%, 51%
HSV	24°, 74%, 80%
XYZ	31.4828, 24.9227, 6.6438
YIQ	133.4830, 73.1750, 0.9430

Conversions

Conversions Part 2

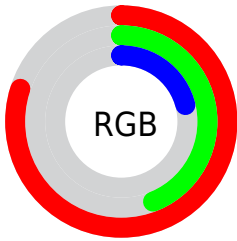
Format	Color
RYB	204, 151, 54
Decimal	13398326
CIELab	57.00, 31.30, 47.12
CIELCh	57, 56.570, 56.411
Yxy	24.9227, 0.4993, 0.3953
Android (android.graphics.Color)	4291588406 (0xFFCC7136)
YUV	133.4830, -39.1851, 61.8434
Hunter-Lab	49.9226, 25.2034, 27.0554

Details

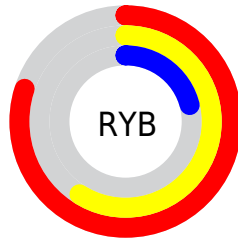
The CIELCh color **57, 56.570, 56.411** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **57, 38.740, 259.416**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 52.676, 59.214**, and **37, 56.725, 56.335** is the 20% darker color. If you saturate the color by 10%, you get **54, 65.068, 55.351**, and if you desaturate by 10%, it is **60, 47.725, 57.269**.

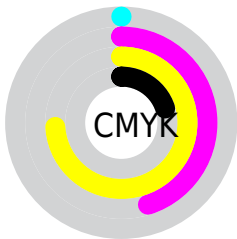
Distribution



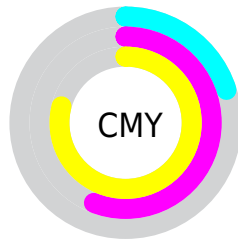
- Red (80%)
- Green (44%)
- Blue (21%)



- Red (80%)
- Yellow (59%)
- Blue (21%)



- Cyan (0%)
- Magenta (45%)
- Yellow (74%)
- Black (20%)



- Cyan (20%)
- Magenta (56%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 56.570, 56.411 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, 56.570, 56.411 by changing the saturation by 10% instead.

■ 57, 56.570, 56.411

■ 57, 56.570, 56.411

■ 100, 56.570,
56.411

■ 47, 56.570, 56.411

■ 77, 56.570, 56.411

■ 37, 56.570, 56.411

■ 87, 56.570, 56.411

■ 27, 56.570, 56.411

■ 97, 56.570, 56.411

■ 17, 56.570, 56.411

■ 7, 56.570, 56.411

■ 0, 56.570, 56.411

■ 57, 56.570, 56.411

■ 57, 56.570, 56.411

■ 54, 65.068, 55.351

■ 60, 47.725, 57.269

■ 52, 72.251, 53.721

■ 63, 39.042, 58.087

50, 76.098, 52.439

66, 30.743, 58.932

70, 22.910, 59.822

73, 15.555, 60.752

77, 8.658, 61.700

81, 2.182, 62.534

84, 3.914, 243.855

88, 9.673, 244.777

Harmonies

Complementary

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



57, 56.570, 56.411



57, 38.740, 259.416

Rectangle

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



57, 56.570, 56.411



57, 56.570, 106.411



57, 56.570, 236.411



57, 56.570, 286.411

Sweetspot

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



57, 56.568, 56.414



90, 17.365, 60.869



49, 67.927, 345.624



47, 11.773, 60.609



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, 56.568, 56.414



65, 82.045, 54.536



75, 65.682, 97.114



41, 3.584, 62.083



41, 64.893, 53.021



7, 14.676, 45.536

Inverse Universe

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



57, 38.740, 259.416



66, 53.289, 266.415



37, 80.272, 298.719



41, 3.451, 244.193



41, 41.847, 270.971



7, 13.251, 259.246

Previews

White Background



This preview shows how the CIELCh color 57, 56.570, 56.411 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, 56.570, 56.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

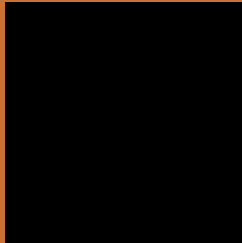
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 56.570, 56.411

Background



This preview shows how black text looks on a background with the CIELCh color 57, 56.570, 56.411.



This preview shows how white text looks on a background with the CIELCh color 57, 56.570, 56.411.

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, 56.570, 56.411

Protanopia

57, 42.190, 95.700

Deuteranopia

57, 48.678, 81.206



Tritanopia
57, 42.940, 19.082

Trichromacy



Original Color
57, 56.570, 56.411

Protanomaly
56, 44.373, 78.176

Deuteranomaly
57, 50.200, 71.142

Tritanomaly
57, 45.363, 36.147

Monochromacy



Original Color
57, 56.570, 56.411

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 18.929, 59.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 56.570, 56.411 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(204, 113, 54)` looks like.

```
.text, #text, p{  
    color:rgb(204, 113, 54)  
}
```

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(204, 113, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 113, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 56.570, 56.411 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(204, 113, 54) }
```

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

```
.border{ border-color:rgb(204, 113, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 113, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 113, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 113, 54);  
box-shadow:4px 4px 4px 4px rgb(204, 113,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 56.570, 56.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 113, 54) }
```

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

```
.background{ background-color: rgb(204,  
113, 54) }
```

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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