

Converting Colors

CIELCh(57, 51.807, 51.228)

Have a look what the booklet for
CIELCh(57, 51.807, 51.228) contains.

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Color

CIELCh(57, 51.902, 51.218)

Conversions

Conversions Part 1

Format	Color
Hex	CC7043
RGB	204, 112, 67
RGB Percent	80%, 44%, 26%
CMY	0.1989, 0.5599, 0.7364
CMYK	0.00, 0.45, 0.67, 0.20
HSL	20°, 57%, 53%
HSV	20°, 67%, 80%
XYZ	31.8152, 24.9227, 8.4778
YIQ	134.3780, 69.2770, 5.5090

Conversions

Conversions Part 2

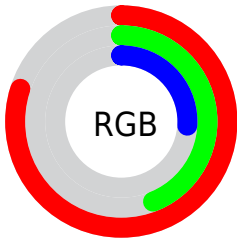
Format	Color
R_{YB}	204, 134, 67
Decimal	13398083
CIE _{Lab}	57.00, 32.51, 40.46
CIE _{LCh}	57, 51.902, 51.218
Yxy	24.9227, 0.4878, 0.3822
Android (android.graphics.Color)	4291588163 (0xFFCC7043)
YUV	134.3780, -33.2174, 61.0585
Hunter-Lab	49.9226, 26.3916, 24.8772

Details

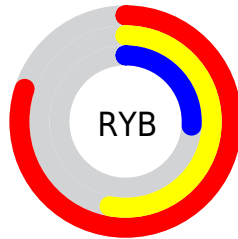
The CIELCh color **57, 51.902, 51.218** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **62, 33.689, 247.168**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 47.877, 53.516**, and **37, 52.096, 51.015** is the 20% darker color. If you saturate the color by 10%, you get **54, 61.185, 50.861**, and if you desaturate by 10%, it is **60, 42.747, 51.567**.

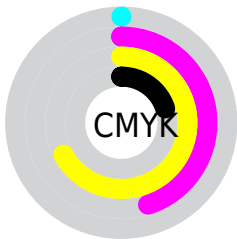
Distribution



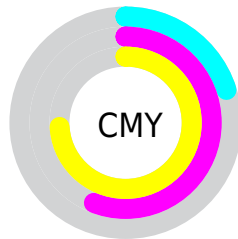
- Red (80%)
- Green (44%)
- Blue (26%)



- Red (80%)
- Yellow (53%)
- Blue (26%)



- Cyan (0%)
- Magenta (45%)
- Yellow (67%)
- Black (20%)



- Cyan (20%)
- Magenta (56%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 51.902, 51.218 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, 51.902, 51.218 by changing the saturation by 10% instead.

■ 57, 51.902, 51.218

■ 57, 51.902, 51.218

■ 100, 51.902,
51.218

■ 47, 51.902, 51.218

■ 77, 51.902, 51.218

■ 37, 51.902, 51.218

■ 87, 51.902, 51.218

■ 27, 51.902, 51.218

■ 97, 51.902, 51.218

■ 17, 51.902, 51.218

■ 7, 51.902, 51.218

■ 0, 51.902, 51.218

■ 57, 51.902, 51.218

■ 57, 51.902, 51.218

■ 54, 61.185, 50.861

■ 60, 42.747, 51.567

■ 51, 69.947, 50.246

■ 64, 34.014, 51.986

49, 77.036, 48.947

68, 25.810, 52.501

48, 78.964, 48.628

71, 18.158, 53.102

75, 11.041, 53.768

79, 4.418, 54.438

83, 1.755, 235.610

87, 7.530, 236.189

92, 12.951,
236.967

Harmonies

Complementary

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



57, 51.902, 51.218



62, 33.689, 247.168

Rectangle

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



57, 51.902, 51.218



57, 51.902, 101.218



57, 51.902, 231.218



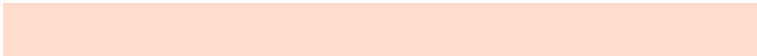
57, 51.902, 281.218

Sweetspot

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



57, 51.900, 51.221



90, 15.646, 53.552



51, 66.730, 340.832



47, 10.787, 53.361



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, 51.900, 51.221



65, 77.600, 50.612



73, 58.346, 93.462



41, 3.559, 54.293



39, 67.236, 49.157



6, 15.071, 39.577

Inverse Universe

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



62, 33.689, 247.168



72, 45.582, 252.959



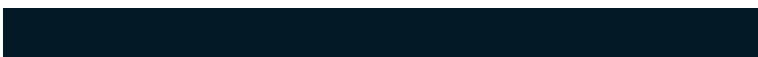
43, 66.759, 294.063



41, 3.396, 235.996



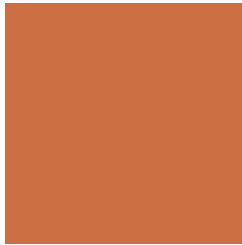
44, 37.036, 260.781



8, 12.358, 249.185

Previews

White Background



This preview shows how the CIELCh color 57, 51.902, 51.218 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, 51.902, 51.218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

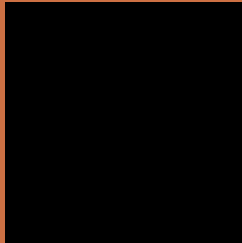
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 51.902, 51.218

Background



This preview shows how black text looks on a background with the CIELCh color 57, 51.902, 51.218.

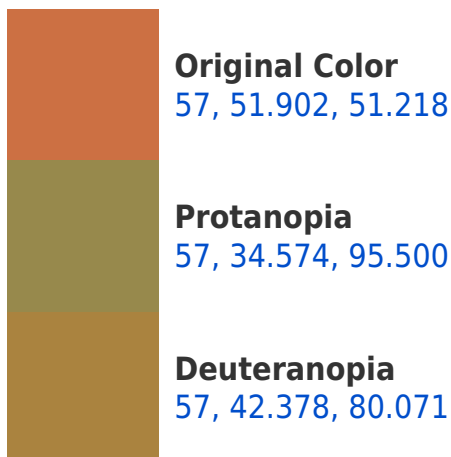


This preview shows how white text looks on a background with the CIELCh color 57, 51.902, 51.218.

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



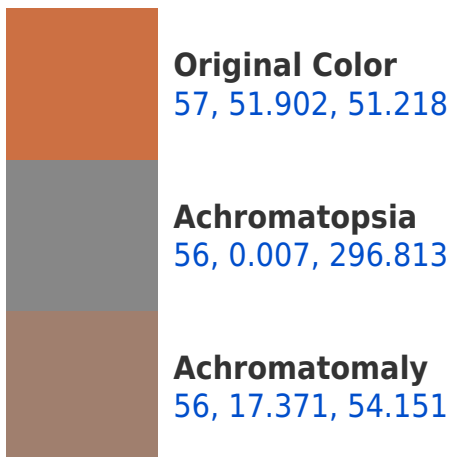


Tritanopia
57, 42.550, 19.666

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 51.902, 51.218 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, 112, 67)` looks like.

```
.text, #text, p{  
    color:rgb(204, 112, 67)  
}
```

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, 112, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 112, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 51.902, 51.218 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, 112, 67) }
```

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

```
.border{ border-color:rgb(204, 112, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 112, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 112, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 112, 67);  
box-shadow:4px 4px 4px 4px rgb(204, 112,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 51.902, 51.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 112, 67) }
```

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

```
.background{ background-color: rgb(204,  
112, 67) }
```

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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