

Converting Colors

CIELCh(54, 52.402, 47.900)

Have a look what the booklet for
CIELCh(54, 52.402, 47.900) contains.

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Color

CIELCh(54, 52.402, 47.900)

Conversions

Conversions Part 1

Format	Color
Hex	C6663F
RGB	198, 102, 63
RGB Percent	78%, 40%, 25%
CMY	0.2222, 0.5988, 0.7519
CMYK	0.00, 0.48, 0.68, 0.22
HSL	17°, 54%, 51%
HSV	17°, 68%, 78%
XYZ	29.0644, 21.9746, 7.4519
YIQ	126.2580, 69.7350, 8.2230

Conversions

Conversions Part 2

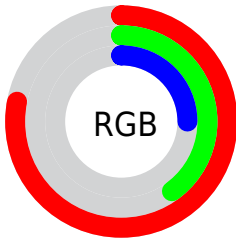
Format	Color
RYB	198, 118, 63
Decimal	13002303
CIELab	54.00, 35.13, 38.88
CIELCh	54, 52.402, 47.900
Yxy	21.9746, 0.4969, 0.3757
Android (android.graphics.Color)	4291192383 (0xFFC6663F)
YUV	126.2580, -31.1862, 62.9177
Hunter-Lab	46.8770, 28.6375, 23.3888

Details

The CIELCh color **54, 52.402, 47.900** 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, 32.313, 241.020**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 50.698, 48.992**, and **34, 52.511, 47.675** is the 20% darker color. If you saturate the color by 10%, you get **51, 61.709, 47.918**, and if you desaturate by 10%, it is **57, 43.218, 47.909**.

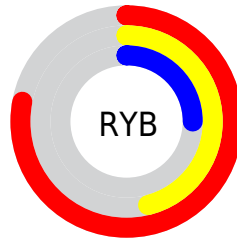
Distribution



Red (78%)

Green (40%)

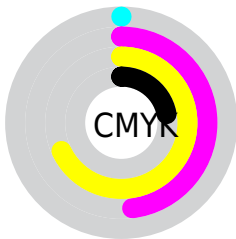
Blue (25%)



Red (78%)

Yellow (46%)

Blue (25%)

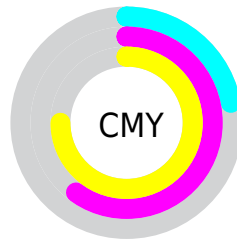


Cyan (0%)

Magenta (48%)

Yellow (68%)

Black (22%)



Cyan (22%)

Magenta (60%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 52.402, 47.900 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 54, 52.402, 47.900 by changing the saturation by 10% instead.

■ 54, 52.402, 47.900

■ 54, 52.402, 47.900

■ 100, 52.402,
47.900

■ 44, 52.402, 47.900

■ 74, 52.402, 47.900

■ 34, 52.402, 47.900

■ 84, 52.402, 47.900

■ 24, 52.402, 47.900

■ 94, 52.402, 47.900

■ 14, 52.402, 47.900

■ 4, 52.402, 47.900

■ 0, 52.402, 47.900

■ 54, 52.402, 47.900

■ 54, 52.402, 47.900

■ 51, 61.709, 47.918

■ 57, 43.218, 47.909

■ 48, 70.460, 47.692

■ 61, 34.464, 48.028

46, 77.548, 46.833

65, 26.253, 48.278

46, 78.855, 46.749

69, 18.614, 48.646

73, 11.531, 49.105

77, 4.966, 49.599

81, 1.128, 230.759

85, 6.801, 231.028

89, 12.103,
231.663

Harmonies

Complementary

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



54, 52.402, 47.900



62, 32.313, 241.020

Rectangle

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



54, 52.402, 47.900



54, 52.402, 97.900



54, 52.402, 227.900



54, 52.402, 277.900

Sweetspot

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



54, 52.400, 47.903



90, 15.758, 48.998



50, 67.247, 339.192



47, 10.871, 48.864



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 52.400, 47.903



63, 80.140, 47.859



70, 56.385, 91.010



40, 3.502, 49.539



38, 67.871, 47.212



5, 13.619, 37.183

Inverse Universe

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



62, 32.313, 241.020



74, 43.955, 246.526



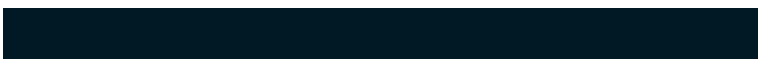
43, 63.356, 292.644



40, 3.327, 230.933



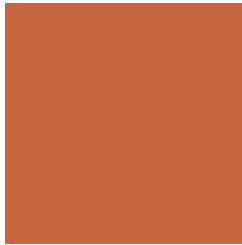
46, 34.340, 253.508



8, 11.301, 242.794

Previews

White Background



This preview shows how the CIELCh color 54, 52.402, 47.900 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 54, 52.402, 47.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

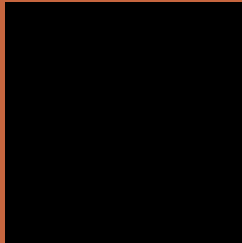
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 52.402, 47.900

Background



This preview shows how black text looks on a background with the CIELCh color 54, 52.402, 47.900.



This preview shows how white text looks on a background with the CIELCh color 54, 52.402, 47.900.

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

54, 52.402, 47.900

Protanopia

54, 33.074, 96.540

Deuteranopia

54, 40.414, 79.927



Tritanopia
54, 44.838, 20.600

Trichromacy



Original Color
54, 52.402, 47.900

Protanomaly
54, 35.670, 72.989

Deuteranomaly
54, 42.700, 65.196

Tritanomaly
54, 46.249, 31.915

Monochromacy



Original Color
54, 52.402, 47.900

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 17.413, 48.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 52.402, 47.900 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(198, 102, 63)` looks like.

```
.text, #text, p{  
    color:rgb(198, 102, 63)  
}
```

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(198, 102, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 102, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 52.402, 47.900 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(198, 102, 63) }
```

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

```
.border{ border-color:rgb(198, 102, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 102, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 102, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 102, 63);  
box-shadow:4px 4px 4px 4px rgb(198, 102,  
63) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 52.402, 47.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 102, 63) }
```

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

```
.background{ background-color: rgb(198,  
102, 63) }
```

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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