

Converting Colors

CIELCh(59, 54.839, 63.583)

Have a look what the booklet for
CIELCh(59, 54.839, 63.583) contains.

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Color

CIELCh(59, 54.770, 63.856)

Conversions

Conversions Part 1	
Format	Color
Hex	C97C36
RGB	201, 124, 54
RGB Percent	79%, 49%, 21%
CMY	0.2125, 0.5144, 0.7889
CMYK	0.00, 0.38, 0.73, 0.21
HSL	29°, 58%, 50%
HSV	29°, 73%, 79%
XYZ	31.8825, 27.0277, 7.0062
YIQ	139.0430, 68.3620, -5.4460

Conversions

Conversions Part 2

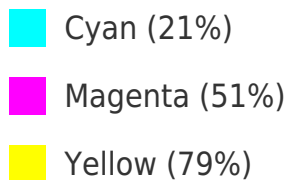
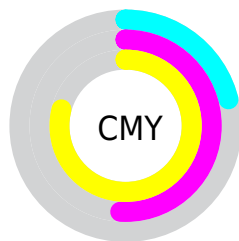
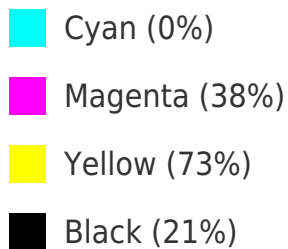
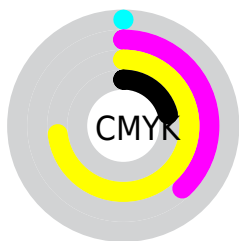
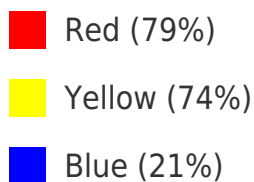
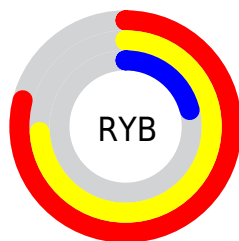
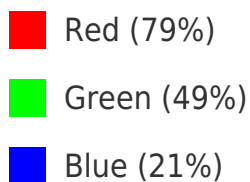
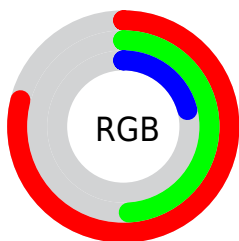
Format	Color
RYB	201, 188, 54
Decimal	13204534
CIELab	59.00, 24.13, 49.17
CIELCh	59, 54.770, 63.856
Yxy	27.0277, 0.4837, 0.4100
Android (android.graphics.Color)	4291394614 (0xFFC97C36)
YUV	139.0430, -41.9262, 54.3363
Hunter-Lab	51.9882, 18.4881, 28.4015

Details

The CIELCh color **59, 54.770, 63.856** 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 **53, 43.084, 270.021**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 52.714, 66.271**, and **39, 54.362, 63.811** is the 20% darker color. If you saturate the color by 10%, you get **56, 62.422, 62.283**, and if you desaturate by 10%, it is **62, 46.586, 65.187**.

Distribution



Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 54.770, 63.856 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 59, 54.770, 63.856 by changing the saturation by 10% instead.

 59, 54.770, 63.856

 59, 54.770, 63.856

 100, 54.770,
63.856

 49, 54.770, 63.856

 79, 54.770, 63.856

 39, 54.770, 63.856

 89, 54.770, 63.856

 29, 54.770, 63.856

 99, 54.770, 63.856

 19, 54.770, 63.856

 9, 54.770, 63.856

 0, 54.770, 63.856

 59, 54.770, 63.856

 59, 54.770, 63.856

 56, 62.422, 62.283

 62, 46.586, 65.187

 54, 68.653, 60.156

 64, 38.387, 66.421

53, 72.033, 58.449

67, 30.417, 67.627

70, 22.782, 68.828

74, 15.512, 70.025

77, 8.600, 71.205

80, 2.024, 72.245

83, 4.246, 253.693

86, 10.242,
254.776

Harmonies

Complementary

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



59, 54.770, 63.856



53, 43.084, 270.021

Rectangle

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



59, 54.770, 63.856



59, 54.770, 113.856



59, 54.770, 243.856



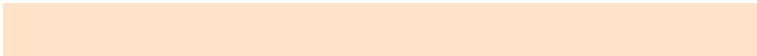
59, 54.770, 293.856

Sweetspot

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



59, 54.769, 63.859



91, 17.826, 70.130



48, 64.148, 351.044



48, 12.063, 69.802



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 54.769, 63.859



69, 79.532, 61.088



77, 68.764, 102.009



40, 3.634, 71.640



43, 61.539, 59.066



7, 12.954, 54.659

Inverse Universe

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



53, 43.084, 270.021



61, 62.004, 276.975



34, 86.467, 301.495



40, 3.543, 254.060



36, 48.865, 281.170



5, 13.639, 268.166

Previews

White Background



This preview shows how the CIELCh color 59, 54.770, 63.856 looks on a white background.

Color Contrast Check

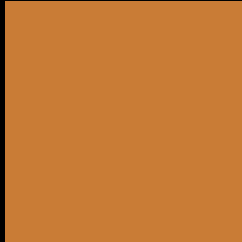
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 54.770, 63.856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

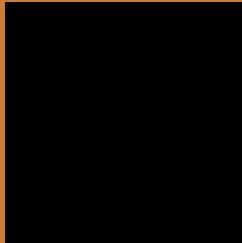
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 54.770, 63.856

Background



This preview shows how black text looks on a background with the CIELCh color 59, 54.770, 63.856.



This preview shows how white text looks on a background with the CIELCh color 59, 54.770, 63.856.

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

59, 54.770, 63.856

Protanopia

59, 45.899, 95.637

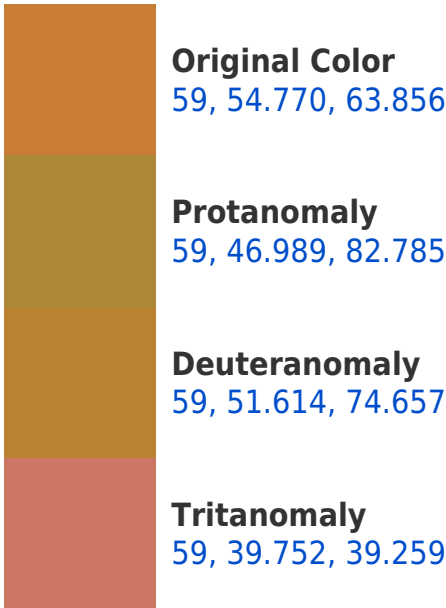
Deuteranopia

59, 50.646, 81.092

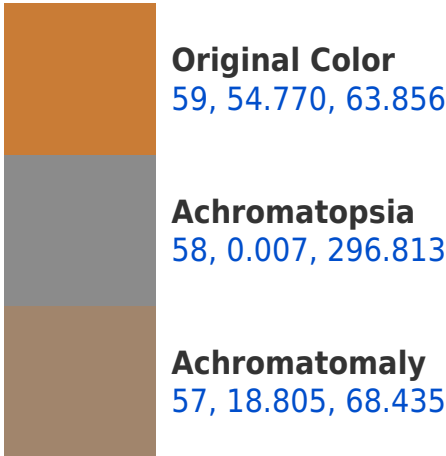


Tritanopia
59, 37.345, 16.337

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 54.770, 63.856 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(201, 124, 54)` looks like.

```
.text, #text, p{  
    color:rgb(201, 124, 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(201, 124, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 124, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 54.770, 63.856 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(201, 124, 54) }
```

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

```
.border{ border-color:rgb(201, 124, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 124, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 124, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 124, 54);  
box-shadow:4px 4px 4px 4px rgb(201, 124,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 54.770, 63.856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 124, 54) }
```

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

```
.background{ background-color: rgb(201,  
124, 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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