

Converting Colors

CIELCh(59, 54.389, 59.408)

Have a look what the booklet for
CIELCh(59, 54.389, 59.408) contains.

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Color

CIELCh(59, 54.389, 59.408)

Conversions

Conversions Part 1

Format	Color
Hex	CD793B
RGB	205, 121, 59
RGB Percent	80%, 47%, 23%
CMY	0.1954, 0.5249, 0.7681
CMYK	0.00, 0.41, 0.71, 0.20
HSL	25°, 59%, 52%
HSV	25°, 71%, 80%
XYZ	32.8689, 27.0277, 7.6401
YIQ	139.0480, 69.9660, -1.4740

Conversions

Conversions Part 2

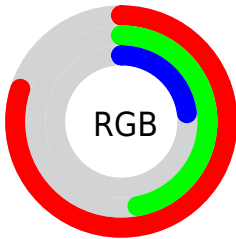
Format	Color
RYB	205, 167, 59
Decimal	13465915
CIELab	59.00, 27.68, 46.82
CIELCh	59, 54.389, 59.408
Yxy	27.0277, 0.4867, 0.4002
Android (android.graphics.Color)	4291655995 (0xFFCD793B)
YUV	139.0480, -39.4637, 57.8399
Hunter-Lab	51.9882, 21.8749, 27.6786

Details

The CIELCh color **59, 54.389, 59.408** 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, 39.573, 262.814**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 50.602, 62.782**, and **39, 54.141, 59.270** is the 20% darker color. If you saturate the color by 10%, you get **56, 62.799, 58.193**, and if you desaturate by 10%, it is **62, 45.709, 60.449**.

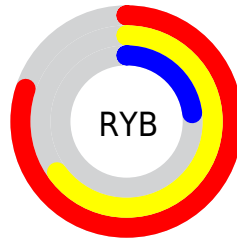
Distribution



Red (80%)

Green (47%)

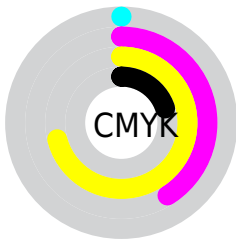
Blue (23%)



Red (80%)

Yellow (65%)

Blue (23%)

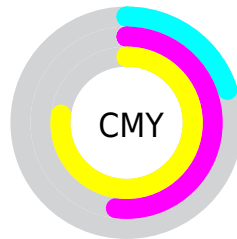


Cyan (0%)

Magenta (41%)

Yellow (71%)

Black (20%)



Cyan (20%)

Magenta (52%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 54.389, 59.408 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, 54.389, 59.408 by changing the saturation by 10% instead.

■ 59, 54.389, 59.408

■ 59, 54.389, 59.408

■ 100, 54.389,
59.408

■ 49, 54.389, 59.408

■ 79, 54.389, 59.408

■ 39, 54.389, 59.408

■ 89, 54.389, 59.408

■ 29, 54.389, 59.408

■ 99, 54.389, 59.408

■ 19, 54.389, 59.408

■ 9, 54.389, 59.408

■ 0, 54.389, 59.408

■ 59, 54.389, 59.408

■ 59, 54.389, 59.408

■ 56, 62.799, 58.193

■ 62, 45.709, 60.449

■ 54, 70.092, 56.499

■ 65, 37.200, 61.445

52, 75.141, 54.536

68, 29.053, 62.452

72, 21.337, 63.484

75, 14.061, 64.536

79, 7.204, 65.583

82, 0.732, 66.129

86, 5.393, 247.875

89, 11.210,
248.888

Harmonies

Complementary

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



59, 54.389, 59.408



57, 39.573, 262.814

Rectangle

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



59, 54.389, 59.408



59, 54.389, 109.408



59, 54.389, 239.408



59, 54.389, 289.408

Sweetspot

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



59, 54.388, 59.411



91, 16.639, 64.526



50, 65.714, 347.321



47, 11.357, 64.231



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, 54.388, 59.411



68, 78.441, 57.449



77, 66.029, 99.352



41, 3.620, 65.764



42, 63.832, 55.148



7, 14.527, 48.823

Inverse Universe

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



57, 39.573, 262.814



65, 54.715, 269.268



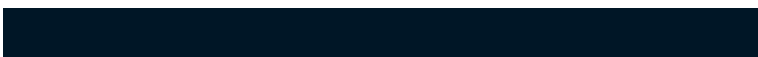
38, 80.919, 299.363



41, 3.501, 248.021



40, 44.560, 275.179



6, 13.772, 263.293

Previews

White Background



This preview shows how the CIELCh color 59, 54.389, 59.408 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, 54.389, 59.408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

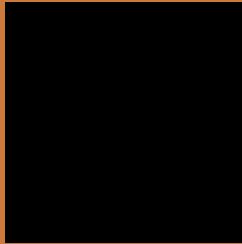
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 54.389, 59.408

Background



This preview shows how black text looks on a background with the CIELCh color 59, 54.389, 59.408.



This preview shows how white text looks on a background with the CIELCh color 59, 54.389, 59.408.

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, 54.389, 59.408

Protanopia

59, 42.504, 95.980

Deuteranopia

59, 48.301, 80.861



Tritanopia
59, 39.992, 18.022

Trichromacy



Original Color
59, 54.389, 59.408

Protanomaly
59, 43.815, 80.334

Deuteranomaly
59, 49.297, 72.324

Tritanomaly
59, 42.387, 37.111

Monochromacy



Original Color
59, 54.389, 59.408

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 18.534, 64.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 54.389, 59.408 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(205, 121, 59)` looks like.

```
.text, #text, p{  
    color:rgb(205, 121, 59)  
}
```

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(205, 121, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 121, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 54.389, 59.408 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(205, 121, 59) }
```

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

```
.border{ border-color:rgb(205, 121, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 121, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 121, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 121, 59);  
box-shadow:4px 4px 4px 4px rgb(205, 121,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 54.389, 59.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 121, 59) }
```

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

```
.background{ background-color: rgb(205,  
121, 59) }
```

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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