

Converting Colors

CIELCh(59, 39.428, 38.951)

Have a look what the booklet for
CIELCh(59, 39.428, 38.951) contains.

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Color

CIELCh(59, 39.250, 39.388)

Conversions

Conversions Part 1

Format	Color
Hex	CB7864
RGB	203, 120, 100
RGB Percent	80%, 47%, 39%
CMY	0.2042, 0.5296, 0.6080
CMYK	0.00, 0.41, 0.51, 0.20
HSL	12°, 50%, 59%
HSV	12°, 51%, 80%
XYZ	33.6206, 27.0277, 15.4887
YIQ	142.5370, 55.8880, 11.3760

Conversions

Conversions Part 2

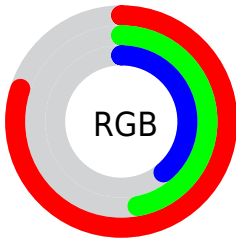
Format	Color
RYB	203, 125, 100
Decimal	13334628
CIELab	59.00, 30.34, 24.91
CIElCh	59, 39.250, 39.388
Yxy	27.0277, 0.4416, 0.3550
Android (android.graphics.Color)	4291524708 (0xFFCB7864)
YUV	142.5370, -20.9707, 53.0261
Hunter-Lab	51.9882, 24.4559, 18.7276

Details

The CIELCh color **59, 39.250, 39.388** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **70, 26.694, 222.135**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 36.185, 40.558**, and **39, 39.094, 39.490** is the 20% darker color. If you saturate the color by 10%, you get **55, 48.773, 40.104**, and if you desaturate by 10%, it is **63, 30.273, 38.918**.

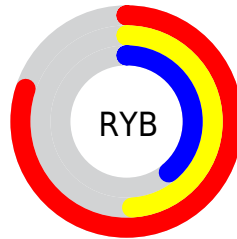
Distribution



Red (80%)

Green (47%)

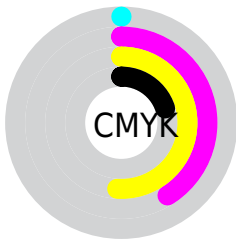
Blue (39%)



Red (80%)

Yellow (49%)

Blue (39%)

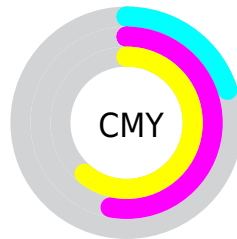


Cyan (0%)

Magenta (41%)

Yellow (51%)

Black (20%)



Cyan (20%)

Magenta (53%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 39.250, 39.388 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, 39.250, 39.388 by changing the saturation by 10% instead.

■ 59, 39.250, 39.388

■ 59, 39.250, 39.388

■ 100, 39.250,
39.388

■ 49, 39.250, 39.388

■ 79, 39.250, 39.388

■ 39, 39.250, 39.388

■ 89, 39.250, 39.388

■ 29, 39.250, 39.388

■ 99, 39.250, 39.388

■ 19, 39.250, 39.388

■ 9, 39.250, 39.388

■ 0, 39.250, 39.388

■ 59, 39.250, 39.388

■ 59, 39.250, 39.388

■ 55, 48.773, 40.104

■ 63, 30.273, 38.918

■ 52, 58.668, 41.046

■ 67, 21.916, 38.653

49, 68.527, 42.100

72, 14.184, 38.555

46, 77.442, 42.894

77, 7.050, 38.566

44, 83.926, 43.176

81, 0.470, 37.627

86, 5.610, 219.126

91, 11.245,
219.362

95, 15.882,
206.356

97, 17.199,
198.365

Harmonies

Complementary

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



59, 39.250, 39.388



70, 26.694, 222.135

Rectangle

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



59, 39.250, 39.388



59, 39.250, 89.388



59, 39.250, 219.388



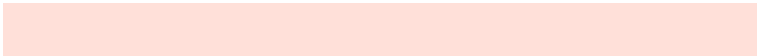
59, 39.250, 269.388

Sweetspot

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



59, 39.248, 39.392



92, 12.061, 38.553



57, 57.915, 333.248



48, 8.302, 38.550



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, 39.248, 39.392



68, 59.168, 40.195



71, 40.559, 85.774



41, 3.716, 38.570



36, 71.850, 43.514



5, 16.061, 30.195

Inverse Universe

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



70, 26.694, 222.135



84, 36.232, 223.839



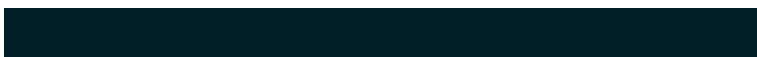
56, 40.863, 281.664



42, 3.505, 219.144



51, 31.722, 233.963



10, 11.748, 225.287

Previews

White Background



This preview shows how the CIELCh color 59, 39.250, 39.388 looks on a white background.

Color Contrast Check

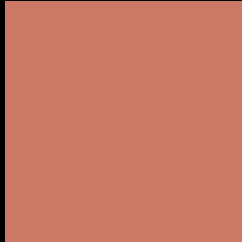
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 59, 39.250, 39.388 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, 39.250, 39.388

Background



This preview shows how black text looks on a background with the CIELCh color 59, 39.250, 39.388.



This preview shows how white text looks on a background with the CIELCh color 59, 39.250, 39.388.

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, 39.250, 39.388

Protanopia

59, 18.491, 94.774

Deuteranopia

59, 26.935, 73.559



Tritanopia
59, 37.345, 16.337

Trichromacy



Original Color
59, 39.250, 39.388

Protanomaly
59, 22.892, 63.482

Deuteranomaly
59, 29.949, 57.448

Tritanomaly
59, 37.303, 24.563

Monochromacy



Original Color
59, 39.250, 39.388

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 13.086, 38.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 39.250, 39.388 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(203, 120, 100)` looks like.

```
.text, #text, p{  
    color:rgb(203, 120, 100)  
}
```

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(203, 120, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 120, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 39.250, 39.388 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(203, 120, 100) }
```

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

```
.border{ border-color:rgb(203, 120, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 120, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 120, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 120, 100);  
box-shadow:4px 4px 4px 4px rgb(203, 120,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 39.250, 39.388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 120, 100) }
```

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

```
.background{ background-color: rgb(203,  
120, 100) }
```

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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