

Converting Colors

CIELCh(59, 39.730, 35.983)

Have a look what the booklet for
CIELCh(59, 39.730, 35.983) contains.

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Color

CIELCh(59, 39.579, 36.208)

Conversions

Conversions Part 1

Format	Color
Hex	CD7767
RGB	205, 119, 103
RGB Percent	80%, 47%, 40%
CMY	0.1974, 0.5345, 0.5972
CMYK	0.00, 0.42, 0.50, 0.20
HSL	9°, 50%, 60%
HSV	9°, 50%, 80%
XYZ	34.0791, 27.0277, 16.1782
YIQ	142.8900, 56.3920, 13.2560

Conversions

Conversions Part 2

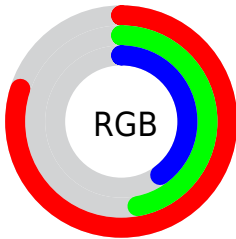
Format	Color
RYB	205, 122, 103
Decimal	13465447
CIELab	59.00, 31.94, 23.38
CIELCh	59, 39.579, 36.208
Yxy	27.0277, 0.4410, 0.3497
Android (android.graphics.Color)	4291655527 (0xFFCD7767)
YUV	142.8900, -19.6658, 54.4705
Hunter-Lab	51.9882, 26.0303, 17.9413

Details

The CIELCh color **59, 39.579, 36.208** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **72, 26.963, 216.613**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 35.685, 37.421**, and **39, 39.383, 36.295** is the 20% darker color. If you saturate the color by 10%, you get **55, 49.297, 37.225**, and if you desaturate by 10%, it is **63, 30.399, 35.484**.

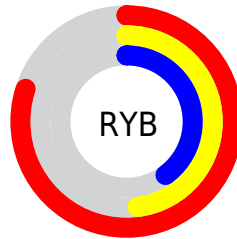
Distribution



Red (80%)

Green (47%)

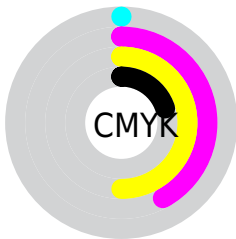
Blue (40%)



Red (80%)

Yellow (48%)

Blue (40%)

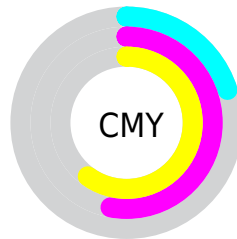


Cyan (0%)

Magenta (42%)

Yellow (50%)

Black (20%)



Cyan (20%)

Magenta (53%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 39.579, 36.208 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, 39.579, 36.208 by changing the saturation by 10% instead.

■ 59, 39.579, 36.208

■ 59, 39.579, 36.208

■ 100, 39.579,
36.208

■ 49, 39.579, 36.208

■ 79, 39.579, 36.208

■ 39, 39.579, 36.208

■ 89, 39.579, 36.208

■ 29, 39.579, 36.208

■ 99, 39.579, 36.208

■ 19, 39.579, 36.208

■ 9, 39.579, 36.208

■ 0, 39.579, 36.208

■ 59, 39.579, 36.208

■ 59, 39.579, 36.208

■ 55, 49.297, 37.225

■ 63, 30.399, 35.484

■ 51, 59.371, 38.530

■ 68, 21.841, 34.999

■ 48, 69.406, 40.032

■ 73, 13.919, 34.703

■ 46, 78.531, 41.369

■ 77, 6.612, 34.531

■ 44, 85.533, 42.155

■ 82, 0.124, 219.129

■ 44, 85.661, 42.181

■ 87, 6.342, 214.768

■ 92, 12.098,
214.865

■ 97, 16.667,
198.399

Harmonies

Complementary

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



59, 39.579, 36.208



72, 26.963, 216.613

Rectangle

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



59, 39.579, 36.208



59, 39.579, 86.208



59, 39.579, 216.208



59, 39.579, 266.208

Sweetspot

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



59, 39.577, 36.212



91, 12.358, 34.614



58, 58.656, 331.924



47, 8.506, 34.653



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, 39.577, 36.212



67, 59.309, 37.338



71, 39.173, 83.138



40, 3.806, 34.524



36, 72.869, 42.450



5, 16.380, 27.916

Inverse Universe

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



72, 26.963, 216.613



86, 36.375, 217.832



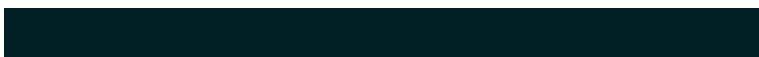
58, 38.543, 278.939



42, 3.585, 214.768



53, 31.549, 225.873



10, 11.859, 219.017

Previews

White Background



This preview shows how the CIELCh color 59, 39.579, 36.208 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, 39.579, 36.208 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, 39.579, 36.208

Background



This preview shows how black text looks on a background with the CIELCh color 59, 39.579, 36.208.

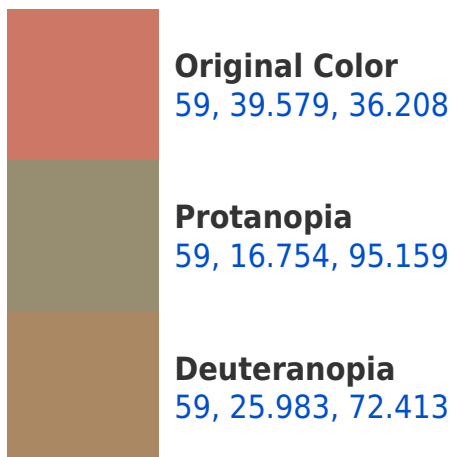


This preview shows how white text looks on a background with the CIELCh color 59, 39.579, 36.208.

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
59, 37.807, 17.317

Trichromacy



Original Color
59, 39.579, 36.208

Protanomaly
59, 21.640, 60.686

Deuteranomaly
59, 29.543, 55.482

Tritanomaly
59, 38.161, 24.643

Monochromacy



Original Color
59, 39.579, 36.208

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 13.298, 35.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 39.579, 36.208 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, 119, 103)` looks like.

```
.text, #text, p{  
    color:rgb(205, 119, 103)  
}
```

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, 119, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 119, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 39.579, 36.208 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, 119, 103) }
```

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

```
.border{ border-color:rgb(205, 119, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 119, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 119, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 119, 103);  
box-shadow:4px 4px 4px 4px rgb(205, 119,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 39.579, 36.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 119, 103) }
```

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

```
.background{ background-color: rgb(205,  
119, 103) }
```

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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