

Converting Colors

CIELCh(59, 49.720, 59.010)

Have a look what the booklet for
CIELCh(59, 49.720, 59.010) contains.

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Color

CIELCh(59, 49.673, 59.275)

Conversions

Conversions Part 1

Format	Color
Hex	C97B43
RGB	201, 123, 67
RGB Percent	79%, 48%, 26%
CMY	0.2113, 0.5173, 0.7369
CMYK	0.00, 0.39, 0.67, 0.21
HSL	25°, 55%, 53%
HSV	25°, 67%, 79%
XYZ	32.2266, 27.0277, 8.8425
YIQ	139.9380, 64.4640, -0.8800

Conversions

Conversions Part 2

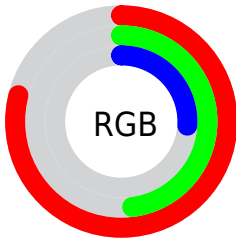
Format	Color
RYB	201, 163, 67
Decimal	13204291
CIELab	59.00, 25.38, 42.70
CIElCh	59, 49.673, 59.275
Yxy	27.0277, 0.4732, 0.3969
Android (android.graphics.Color)	4291394371 (0xFFC97B43)
YUV	139.9380, -35.9584, 53.5514
Hunter-Lab	51.9882, 19.6698, 26.3073

Details

The CIELCh color **59, 49.673, 59.275** 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 **58, 36.499, 260.159**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 47.418, 61.372**, and **39, 49.762, 59.186** is the 20% darker color. If you saturate the color by 10%, you get **56, 58.195, 58.214**, and if you desaturate by 10%, it is **62, 41.140, 60.247**.

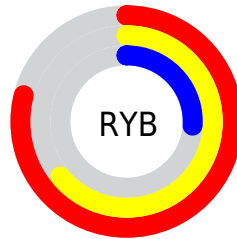
Distribution



Red (79%)

Green (48%)

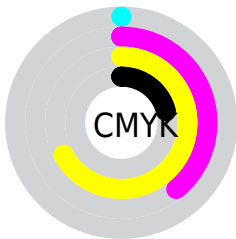
Blue (26%)



Red (79%)

Yellow (64%)

Blue (26%)

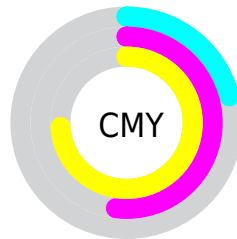


Cyan (0%)

Magenta (39%)

Yellow (67%)

Black (21%)



Cyan (21%)

Magenta (52%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 49.673, 59.275 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, 49.673, 59.275 by changing the saturation by 10% instead.

■ 59, 49.673, 59.275

■ 59, 49.673, 59.275

■ 100, 49.673,
59.275

■ 49, 49.673, 59.275

■ 79, 49.673, 59.275

■ 39, 49.673, 59.275

■ 89, 49.673, 59.275

■ 29, 49.673, 59.275

■ 99, 49.673, 59.275

■ 19, 49.673, 59.275

■ 9, 49.673, 59.275

■ 0, 49.673, 59.275

■ 59, 49.673, 59.275

■ 59, 49.673, 59.275

■ 56, 58.195, 58.214

■ 62, 41.140, 60.247

■ 54, 66.084, 56.840

■ 65, 32.895, 61.210

51, 72.319, 54.786

68, 25.058, 62.198

50, 74.262, 54.120

72, 17.663, 63.215

75, 10.700, 64.246

79, 4.143, 65.241

82, 2.048, 246.617

86, 7.910, 247.511

89, 13.482,
248.520

Harmonies

Complementary

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



59, 49.673, 59.275



58, 36.499, 260.159

Rectangle

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



59, 49.673, 59.275



59, 49.673, 109.275



59, 49.673, 239.275



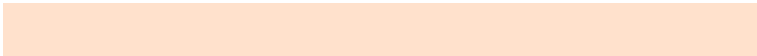
59, 49.673, 289.275

Sweetspot

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



59, 49.672, 59.279



92, 15.768, 63.870



50, 61.888, 346.513



48, 10.852, 63.576



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, 49.672, 59.279



69, 73.975, 57.657



76, 61.762, 99.769



40, 3.536, 64.982



41, 63.303, 54.726



6, 13.062, 48.309

Inverse Universe

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



58, 36.499, 260.159



67, 51.425, 266.048



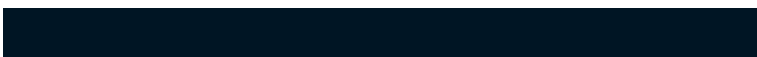
39, 74.057, 298.199



40, 3.417, 247.204



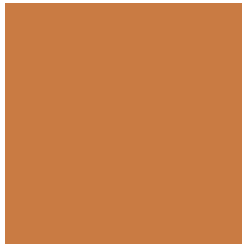
39, 43.414, 274.245



6, 12.741, 261.972

Previews

White Background



This preview shows how the CIELCh color 59, 49.673, 59.275 looks on a white background.

Color Contrast Check

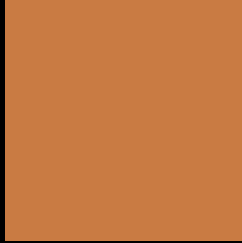
Large Text (above 18pt) WCAG AA ✓ Pass

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, 49.673, 59.275 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, 49.673, 59.275

Background



This preview shows how black text looks on a background with the CIELCh color 59, 49.673, 59.275.



This preview shows how white text looks on a background with the CIELCh color 59, 49.673, 59.275.

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, 49.673, 59.275

Protanopia

59, 38.965, 96.300

Deuteranopia

59, 44.232, 80.577



Tritanopia
59, 37.345, 16.337

Trichromacy



Original Color
59, 49.673, 59.275

Protanomaly
59, 40.283, 80.805

Deuteranomaly
59, 45.346, 71.979

Tritanomaly
59, 38.905, 35.584

Monochromacy



Original Color
59, 49.673, 59.275

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 17.018, 64.067

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 49.673, 59.275 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, 123, 67)` looks like.

```
.text, #text, p{  
    color:rgb(201, 123, 67)  
}
```

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, 123, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 123, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 49.673, 59.275 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, 123, 67) }
```

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

```
.border{ border-color:rgb(201, 123, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 123, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 123, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 123, 67);  
box-shadow:4px 4px 4px 4px rgb(201, 123,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 49.673, 59.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 123, 67) }
```

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

```
.background{ background-color: rgb(201,  
123, 67) }
```

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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