

Converting Colors

CIELCh(59, 44.037, 55.805)

Have a look what the booklet for
CIELCh(59, 44.037, 55.805) contains.

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Color

CIELCh(59, 44.125, 55.792)

Conversions

Conversions Part 1

Format	Color
Hex	C77C4F
RGB	199, 124, 79
RGB Percent	78%, 49%, 31%
CMY	0.2206, 0.5146, 0.6910
CMYK	0.00, 0.38, 0.60, 0.22
HSL	23°, 52%, 54%
HSV	23°, 60%, 78%
XYZ	32.0683, 27.0277, 10.8838
YIQ	141.2950, 59.1450, 1.9050

Conversions

Conversions Part 2

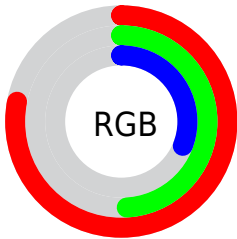
Format	Color
RYB	199, 151, 79
Decimal	13073487
CIELab	59.00, 24.81, 36.49
CIELCh	59, 44.125, 55.792
Yxy	27.0277, 0.4583, 0.3862
Android (android.graphics.Color)	4291263567 (0xFFC77C4F)
YUV	141.2950, -30.7114, 50.6073
Hunter-Lab	51.9882, 19.1263, 23.9794

Details

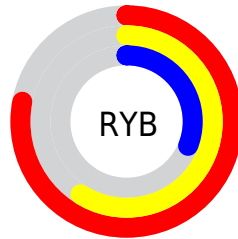
The CIELCh color **59, 44.125, 55.792** is a dark color, and the websafe version is hex **CC9966**. The color can be described as dark muted orange. A complement of this color would be **61, 31.721, 251.988**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 42.770, 57.116**, and **39, 44.246, 55.581** is the 20% darker color. If you saturate the color by 10%, you get **56, 52.878, 55.095**, and if you desaturate by 10%, it is **62, 35.652, 56.505**.

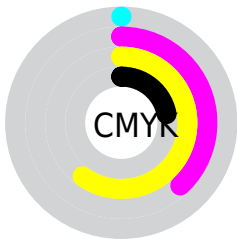
Distribution



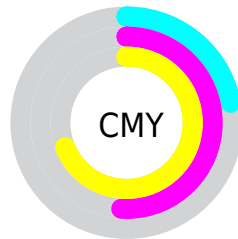
- Red (78%)
- Green (49%)
- Blue (31%)



- Red (78%)
- Yellow (59%)
- Blue (31%)



- Cyan (0%)
- Magenta (38%)
- Yellow (60%)
- Black (22%)



- Cyan (22%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 44.125, 55.792 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, 44.125, 55.792 by changing the saturation by 10% instead.

 59, 44.125, 55.792

 59, 44.125, 55.792

 100, 44.125,
55.792

 49, 44.125, 55.792

 79, 44.125, 55.792

 39, 44.125, 55.792

 89, 44.125, 55.792

 29, 44.125, 55.792

 99, 44.125, 55.792

 19, 44.125, 55.792

 9, 44.125, 55.792

 0, 44.125, 55.792

 59, 44.125, 55.792

 59, 44.125, 55.792

 56, 52.878, 55.095

 62, 35.652, 56.505

 53, 61.537, 54.276

 66, 27.618, 57.266

51, 69.312, 53.046

69, 20.072, 58.083

48, 75.335, 51.353

73, 13.009, 58.946

76, 6.401, 59.821

80, 0.208, 58.616

84, 5.614, 241.852

88, 11.107,
242.752

91, 15.465,
239.661

Harmonies

Complementary

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



59, 44.125, 55.792



61, 31.721, 251.988

Rectangle

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



59, 44.125, 55.792



59, 44.125, 105.792



59, 44.125, 235.792



59, 44.125, 285.792

Sweetspot

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



59, 44.124, 55.796



92, 13.985, 59.129



52, 58.542, 342.677



48, 9.815, 58.870



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, 44.124, 55.796



70, 66.663, 54.894



74, 54.101, 97.470



40, 3.496, 59.904



40, 64.768, 51.903



6, 13.212, 44.177

Inverse Universe

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



61, 31.721, 251.988



72, 44.473, 256.509



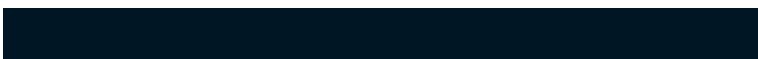
44, 61.854, 294.546



40, 3.358, 241.907



41, 39.877, 268.235



6, 12.150, 256.485

Previews

White Background



This preview shows how the CIELCh color 59, 44.125, 55.792 looks on a white background.

Color Contrast Check

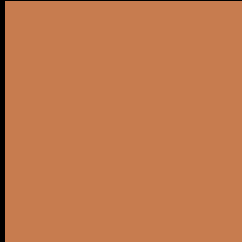
Large Text (above 18pt) WCAG AA ✓ Pass

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, 44.125, 55.792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

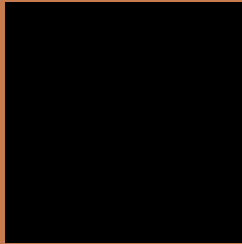
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 44.125, 55.792

Background



This preview shows how black text looks on a background with the CIELCh color 59, 44.125, 55.792.



This preview shows how white text looks on a background with the CIELCh color 59, 44.125, 55.792.

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, 44.125, 55.792

Protanopia

59, 31.786, 95.197

Deuteranopia

59, 38.107, 78.987



Tritanopia
59, 35.177, 15.531

Trichromacy



Original Color
59, 44.125, 55.792

Protanomaly
59, 34.042, 77.113

Deuteranomaly
59, 39.463, 70.024

Tritanomaly
59, 36.210, 32.823

Monochromacy



Original Color
59, 44.125, 55.792

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 15.031, 59.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 44.125, 55.792 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(199, 124, 79)` looks like.

```
.text, #text, p{  
    color:rgb(199, 124, 79)  
}
```

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(199, 124, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 124, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 44.125, 55.792 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(199, 124, 79) }
```

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

```
.border{ border-color:rgb(199, 124, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 124, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 124, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 124, 79);  
box-shadow:4px 4px 4px 4px rgb(199, 124,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 44.125, 55.792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 124, 79) }
```

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

```
.background{ background-color: rgb(199,  
124, 79) }
```

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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