

Converting Colors

CIELCh(59, 50.945, 71.204)

Have a look what the booklet for
CIELCh(59, 50.945, 71.204) contains.

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Color

CIELCh(59, 50.934, 70.837)

Conversions

Conversions Part 1

Format	Color
Hex	BE8137
RGB	190, 129, 55
RGB Percent	75%, 51%, 22%
CMY	0.2538, 0.4931, 0.7834
CMYK	0.00, 0.32, 0.71, 0.25
HSL	33°, 55%, 48%
HSV	33°, 71%, 75%
XYZ	29.8846, 27.0277, 7.2865
YIQ	138.8030, 60.1100, -10.0820

Conversions

Conversions Part 2

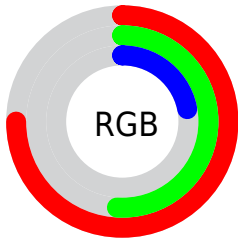
Format	Color
R_{YB}	166, 190, 55
Decimal	12484919
CIE _{Lab}	59.00, 16.72, 48.11
CIE _{LCh}	59, 50.934, 70.837
Yxy	27.0277, 0.4655, 0.4210
Android (android.graphics.Color)	4290674999 (0xFFBE8137)
YUV	138.8030, -41.3149, 44.8998
Hunter-Lab	51.9882, 11.6284, 28.0819

Details

The CIELCh color **59, 50.934, 70.837** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **48, 44.887, 276.682**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 50.743, 70.770**, and **39, 50.681, 70.960** is the 20% darker color. If you saturate the color by 10%, you get **57, 57.883, 69.117**, and if you desaturate by 10%, it is **61, 43.420, 72.351**.

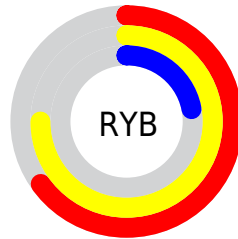
Distribution



Red (75%)

Green (51%)

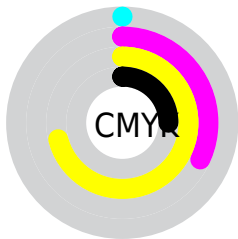
Blue (22%)



Red (65%)

Yellow (75%)

Blue (22%)

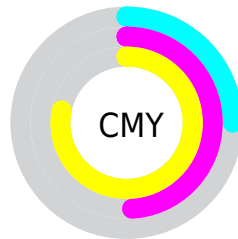


Cyan (0%)

Magenta (32%)

Yellow (71%)

Black (25%)



Cyan (25%)

Magenta (49%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 50.934, 70.837 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, 50.934, 70.837 by changing the saturation by 10% instead.

■ 59, 50.934, 70.837

■ 59, 50.934, 70.837

■ 100, 50.934,
70.837

■ 49, 50.934, 70.837

■ 79, 50.934, 70.837

■ 39, 50.934, 70.837

■ 89, 50.934, 70.837

■ 29, 50.934, 70.837

■ 99, 50.934, 70.837

■ 19, 50.934, 70.837

■ 9, 50.934, 70.837

■ 0, 50.934, 70.837

■ 59, 50.934, 70.837

■ 59, 50.934, 70.837

■ 57, 57.883, 69.117

■ 61, 43.420, 72.351

■ 55, 63.520, 66.962

■ 64, 35.790, 73.763

53, 67.255, 64.612

66, 28.272, 75.126

69, 20.970, 76.459

71, 13.926, 77.763

74, 7.144, 79.025

77, 0.612, 79.801

80, 5.687, 261.588

82, 11.775,
262.728

Harmonies

Complementary

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



59, 50.934, 70.837



48, 44.887, 276.682

Rectangle

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



59, 50.934, 70.837



59, 50.934, 120.837



59, 50.934, 250.837



59, 50.934, 300.837

Sweetspot

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



59, 50.933, 70.840



90, 17.270, 77.716



46, 58.673, 355.216



48, 11.849, 77.354



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59, 50.933, 70.840



71, 74.467, 68.027



75, 66.160, 105.605



39, 3.654, 79.222



44, 58.529, 65.163



6, 10.209, 65.163

Inverse Universe

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



48, 44.887, 276.682



56, 66.668, 282.808



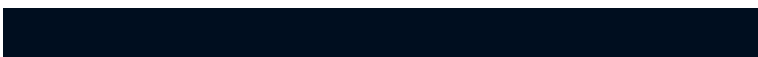
33, 82.717, 302.412



38, 3.601, 261.725



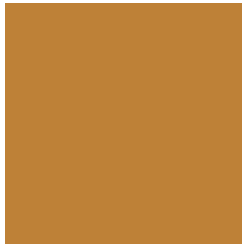
32, 54.839, 287.889



4, 12.112, 272.059

Previews

White Background



This preview shows how the CIELCh color 59, 50.934, 70.837 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, 50.934, 70.837 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, 50.934, 70.837

Background



This preview shows how black text looks on a background with the CIELCh color 59, 50.934, 70.837.



This preview shows how white text looks on a background with the CIELCh color 59, 50.934, 70.837.

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, 50.934, 70.837

Protanopia

59, 45.817, 96.206

Deuteranopia

59, 49.165, 81.157



Tritanopia
59, 30.907, 13.774

Trichromacy



Original Color
59, 50.934, 70.837

Protanomaly
59, 46.255, 86.189

Deuteranomaly
59, 49.572, 77.249

Tritanomaly
59, 33.298, 42.720

Monochromacy



Original Color
59, 50.934, 70.837

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 17.850, 74.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 50.934, 70.837 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(190, 129, 55)` looks like.

```
.text, #text, p{  
    color:rgb(190, 129, 55)  
}
```

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(190, 129, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 129, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 50.934, 70.837 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(190, 129, 55) }
```

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

```
.border{ border-color:rgb(190, 129, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 129, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 129, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 129, 55);  
box-shadow:4px 4px 4px 4px rgb(190, 129,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 50.934, 70.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 129, 55) }
```

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

```
.background{ background-color: rgb(190,  
129, 55) }
```

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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