

Converting Colors

CIELCh(59, 60.539, 69.882)

Have a look what the booklet for
CIELCh(59, 60.539, 69.882) contains.

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Color

CIELCh(59, 60.656, 69.734)

Conversions

Conversions Part 1

Format	Color
Hex	C67E23
RGB	198, 126, 35
RGB Percent	78%, 49%, 14%
CMY	0.2238, 0.5061, 0.8630
CMYK	0.00, 0.36, 0.82, 0.22
HSL	34°, 70%, 46%
HSV	34°, 82%, 78%
XYZ	31.0303, 27.0277, 5.1672
YIQ	137.1540, 72.1230, -13.0370

Conversions

Conversions Part 2

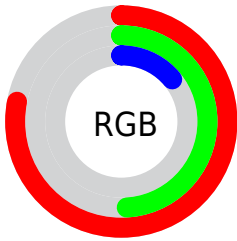
Format	Color
RYB	164, 198, 35
Decimal	13008419
CIELab	59.00, 21.01, 56.90
CIELCh	59, 60.656, 69.734
Yxy	27.0277, 0.4908, 0.4275
Android (android.graphics.Color)	4291198499 (0xFFC67E23)
YUV	137.1540, -50.3619, 53.3619
Hunter-Lab	51.9882, 15.5622, 30.4988

Details

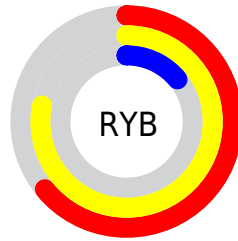
The CIELCh color **59, 60.656, 69.734** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **46, 54.813, 282.163**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 59.438, 71.217**, and **39, 53.119, 66.119** is the 20% darker color. If you saturate the color by 10%, you get **57, 66.056, 67.469**, and if you desaturate by 10%, it is **61, 53.718, 71.532**.

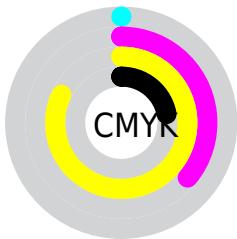
Distribution



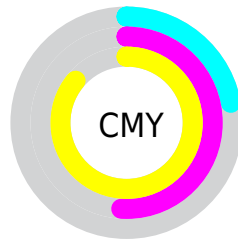
- Red (78%)
- Green (49%)
- Blue (14%)



- Red (64%)
- Yellow (78%)
- Blue (14%)



- Cyan (0%)
- Magenta (36%)
- Yellow (82%)
- Black (22%)



- Cyan (22%)
- Magenta (51%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 60.656, 69.734 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, 60.656, 69.734 by changing the saturation by 10% instead.

■ 59, 60.656, 69.734

■ 59, 60.656, 69.734

■ 100, 60.656,
69.734

■ 49, 60.656, 69.734

■ 79, 60.656, 69.734

■ 39, 60.656, 69.734

■ 89, 60.656, 69.734

■ 29, 60.656, 69.734

■ 99, 60.656, 69.734

■ 19, 60.656, 69.734

■ 9, 60.656, 69.734

■ 0, 60.656, 69.734

■ 59, 60.656, 69.734

■ 59, 60.656, 69.734

■ 57, 66.056, 67.469

■ 61, 53.718, 71.532

■ 55, 69.081, 65.421

■ 64, 46.064, 73.089

66, 38.207, 74.532

69, 30.417, 75.918

71, 22.823, 77.271

74, 15.477, 78.592

76, 8.392, 79.872

79, 1.559, 80.968

82, 5.038, 262.460

Harmonies

Complementary

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



59, 60.656, 69.734



46, 54.813, 282.163

Rectangle

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



59, 60.656, 69.734



59, 60.656, 119.734



59, 60.656, 249.734



59, 60.656, 299.734

Sweetspot

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



59, 60.655, 69.737



92, 21.390, 78.195



45, 65.654, 359.862



48, 14.690, 77.724



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, 60.655, 69.737



70, 83.352, 65.120



77, 75.008, 106.020



41, 3.848, 80.237



46, 59.764, 65.971



8, 13.086, 64.849

Inverse Universe

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



46, 54.813, 282.163



51, 81.751, 289.755



29, 98.282, 304.672



40, 3.797, 262.759



32, 57.396, 288.860



4, 14.966, 274.821

Previews

White Background



This preview shows how the CIELCh color 59, 60.656, 69.734 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, 60.656, 69.734 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, 60.656, 69.734

Background



This preview shows how black text looks on a background with the CIELCh color 59, 60.656, 69.734.



This preview shows how white text looks on a background with the CIELCh color 59, 60.656, 69.734.

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, 60.656, 69.734

Protanopia

59, 54.337, 95.499

Deuteranopia

59, 57.864, 82.553



Tritanopia
59, 35.627, 16.574

Trichromacy



Original Color
59, 60.656, 69.734

Protanomaly
59, 54.931, 85.420

Deuteranomaly
59, 58.693, 77.869

Tritanomaly
59, 40.279, 45.219

Monochromacy



Original Color
59, 60.656, 69.734

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 22.083, 76.804

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 60.656, 69.734 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(198, 126, 35)` looks like.

```
.text, #text, p{  
    color:rgb(198, 126, 35)  
}
```

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(198, 126, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 126, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 60.656, 69.734 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(198, 126, 35) }
```

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

```
.border{ border-color:rgb(198, 126, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 126, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 126, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 126, 35);  
box-shadow:4px 4px 4px 4px rgb(198, 126,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 60.656, 69.734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 126, 35) }
```

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

```
.background{ background-color: rgb(198,  
126, 35) }
```

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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