

Converting Colors

CIELCh(39, 49.762, 59.186)

Have a look what the booklet for
CIELCh(39, 49.762, 59.186) contains.

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Color

CIELCh(39, 49.762, 59.186)

Conversions

Conversions Part 1

Format	Color
Hex	8E4912
RGB	142, 73, 18
RGB Percent	56%, 29%, 7%
CMY	0.4412, 0.7121, 0.9276
CMYK	0.00, 0.48, 0.87, 0.44
HSL	27°, 77%, 32%
HSV	27°, 87%, 56%
XYZ	13.7630, 10.6589, 1.9237
YIQ	87.3610, 58.7790, -2.4770

Conversions

Conversions Part 2

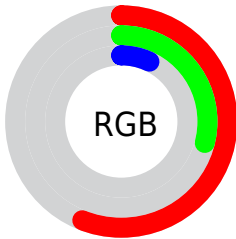
Format	Color
RYB	142, 117, 18
Decimal	9324818
CIELab	39.00, 25.49, 42.74
CIElCh	39, 49.762, 59.186
Yxy	10.6589, 0.5224, 0.4046
Android (android.graphics.Color)	4287514898 (0xFF8E4912)
YUV	87.3610, -34.1950, 47.9184
Hunter-Lab	32.6480, 18.1137, 19.3601

Details

The CIELCh color **39, 49.762, 59.186** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **36, 36.123, 270.985**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 49.673, 59.275**, and **19, 38.062, 47.695** is the 20% darker color. If you saturate the color by 10%, you get **37, 54.800, 57.368**, and if you desaturate by 10%, it is **41, 43.855, 60.614**.

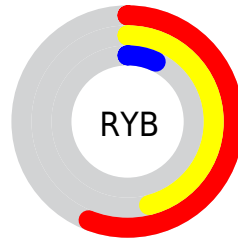
Distribution



Red (56%)

Green (29%)

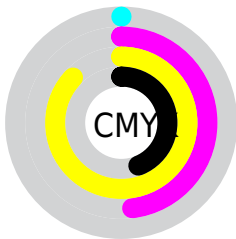
Blue (7%)



Red (56%)

Yellow (46%)

Blue (7%)

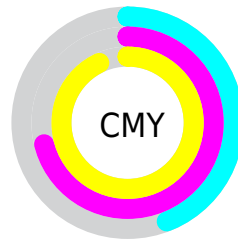


Cyan (0%)

Magenta (48%)

Yellow (87%)

Black (44%)



Cyan (44%)

Magenta (71%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 49.762, 59.186 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 39, 49.762, 59.186 by changing the saturation by 10% instead.

■ 39, 49.762, 59.186

■ 39, 49.762, 59.186

■ 100, 49.762,
59.186

■ 29, 49.762, 59.186

■ 59, 49.762, 59.186

■ 19, 49.762, 59.186

■ 69, 49.762, 59.186

■ 9, 49.762, 59.186

■ 79, 49.762, 59.186

■ 0, 49.762, 59.186

■ 89, 49.762, 59.186

■ 99, 49.762, 59.186

■ 39, 49.762, 59.186

■ 39, 49.762, 59.186

■ 37, 54.800, 57.368

■ 41, 43.855, 60.614

37, 56.415, 57.001

43, 37.531, 61.776

45, 31.199, 62.845

48, 25.057, 63.898

50, 19.189, 64.961

52, 13.622, 66.037

55, 8.352, 67.115

57, 3.360, 68.153

60, 1.377, 249.569

Harmonies

Complementary

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



39, 49.762, 59.186



36, 36.123, 270.985

Rectangle

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



39, 49.762, 59.186



39, 49.762, 109.186



39, 49.762, 239.186



39, 49.762, 289.186

Sweetspot

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



39, 49.761, 59.189



67, 16.260, 66.090



32, 54.244, 351.424



34, 11.206, 65.757



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



39, 49.761, 59.189



48, 69.085, 56.128



55, 56.867, 99.298



29, 2.711, 67.943



35, 54.217, 57.201



1, 1.794, 69.009

Inverse Universe

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



36, 36.123, 270.985



43, 50.807, 277.918



20, 75.096, 303.103



29, 2.635, 250.166



31, 39.228, 276.528



1, 1.795, 249.024

Previews

White Background



This preview shows how the CIELCh color 39, 49.762, 59.186 looks on a white 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

Black Background



This preview shows how the CIELCh color 39, 49.762, 59.186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

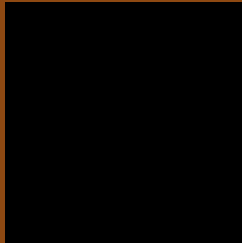
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 39, 49.762, 59.186

Background



This preview shows how black text looks on a background with the CIELCh color 39, 49.762, 59.186.



This preview shows how white text looks on a background with the CIELCh color 39, 49.762, 59.186.

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

39, 49.762, 59.186

Protanopia

39, 39.583, 95.909

Deuteranopia

39, 45.351, 84.030



Tritanopia
39, 35.287, 20.789

Trichromacy



Original Color
39, 49.762, 59.186

Protanomaly
39, 40.874, 80.375

Deuteranomaly
39, 45.938, 74.652

Tritanomaly
39, 38.634, 39.615

Monochromacy



Original Color
39, 49.762, 59.186

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 17.363, 64.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 49.762, 59.186 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(142, 73, 18)` looks like.

```
.text, #text, p{  
    color:rgb(142, 73, 18)  
}
```

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(142, 73, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 73, 18) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 49.762, 59.186 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(142, 73, 18) }
```

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

```
.border{ border-color:rgb(142, 73, 18) }
```

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

Here you see how a box with a 4 pixel rgb(142, 73, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 73, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 73, 18);  
box-shadow:4px 4px 4px 4px rgb(142, 73,  
18) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 49.762, 59.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 73, 18) }
```

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

```
.background{ background-color: rgb(142, 73,  
18) }
```

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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