

Converting Colors

CIELCh(50, 39.342, 73.247)

Have a look what the booklet for
CIELCh(50, 39.342, 73.247) contains.

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Color

CIELCh(50, 39.169, 73.034)

Conversions

Conversions Part 1

Format	Color
Hex	9A6E36
RGB	154, 110, 54
RGB Percent	60%, 43%, 21%
CMY	0.3944, 0.5671, 0.7868
CMYK	0.00, 0.29, 0.65, 0.39
HSL	34°, 48%, 41%
HSV	34°, 65%, 61%
XYZ	19.7024, 18.4187, 6.0525
YIQ	116.7720, 44.2000, -8.0880

Conversions

Conversions Part 2

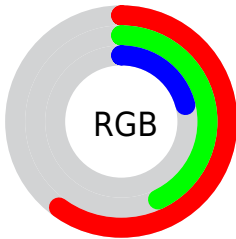
Format	Color
RYB	133, 154, 54
Decimal	10120758
CIELab	50.00, 11.43, 37.46
CIELCh	50, 39.169, 73.034
Yxy	18.4187, 0.4460, 0.4170
Android (android.graphics.Color)	4288310838 (0xFF9A6E36)
YUV	116.7720, -30.9466, 32.6490
Hunter-Lab	42.9170, 6.8412, 21.6803

Details

The CIELCh color **50, 39.169, 73.034** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **41, 35.211, 275.272**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 39.100, 73.516**, and **30, 39.221, 72.772** is the 20% darker color. If you saturate the color by 10%, you get **48, 45.373, 71.488**, and if you desaturate by 10%, it is **52, 32.759, 74.467**.

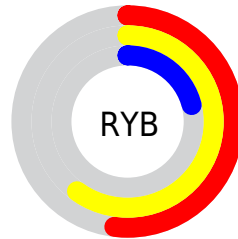
Distribution



Red (60%)

Green (43%)

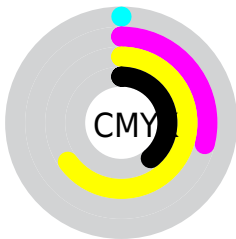
Blue (21%)



Red (52%)

Yellow (60%)

Blue (21%)

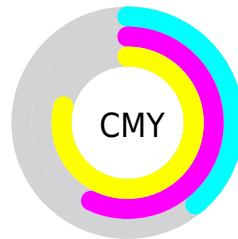


Cyan (0%)

Magenta (29%)

Yellow (65%)

Black (39%)



Cyan (39%)

Magenta (57%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 39.169, 73.034 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 50, 39.169, 73.034 by changing the saturation by 10% instead.

■ 50, 39.169, 73.034

■ 50, 39.169, 73.034

■ 100, 39.169,
73.034

■ 40, 39.169, 73.034

■ 70, 39.169, 73.034

■ 30, 39.169, 73.034

■ 80, 39.169, 73.034

■ 20, 39.169, 73.034

■ 90, 39.169, 73.034

■ 10, 39.169, 73.034

■ 0, 39.169, 73.034

■ 50, 39.169, 73.034

■ 50, 39.169, 73.034

■ 48, 45.373, 71.488

■ 52, 32.759, 74.467

■ 46, 50.940, 69.691

■ 54, 26.377, 75.837

■ 45, 55.229, 67.425

■ 56, 20.140, 77.171

44, 57.338, 66.278

58, 14.096, 78.475

60, 8.258, 79.743

63, 2.625, 80.923

65, 2.817, 262.330

67, 8.083, 263.438

70, 13.190,
264.551

Harmonies

Complementary

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



50, 39.169, 73.034



41, 35.211, 275.272

Rectangle

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



50, 39.169, 73.034



50, 39.169, 123.034



50, 39.169, 253.034



50, 39.169, 303.034

Sweetspot

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



50, 39.169, 73.038



76, 13.282, 79.168



39, 46.161, 354.742



40, 9.259, 78.827



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



50, 39.169, 73.038



61, 58.610, 70.676



62, 52.257, 106.856



31, 3.099, 80.424



40, 53.394, 66.604



2, 3.282, 80.673

Inverse Universe

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



41, 35.211, 275.272



48, 52.732, 280.589



29, 63.247, 301.274



31, 3.061, 262.859



28, 50.820, 288.393



1, 3.331, 262.336

Previews

White Background



This preview shows how the CIELCh color 50, 39.169, 73.034 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 CIE LCh color 50, 39.169, 73.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

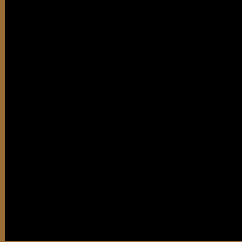
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 39.169, 73.034

Background



This preview shows how black text looks on a background with the CIELCh color 50, 39.169, 73.034.



This preview shows how white text looks on a background with the CIELCh color 50, 39.169, 73.034.

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

50, 39.169, 73.034

Protanopia

50, 35.615, 95.593

Deuteranopia

50, 38.044, 79.405



Tritanopia
50, 23.659, 11.325

Trichromacy



Original Color
50, 39.169, 73.034

Protanomaly
50, 36.153, 87.163

Deuteranomaly
50, 38.358, 77.234

Tritanomaly
50, 24.918, 42.057

Monochromacy



Original Color
50, 39.169, 73.034

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 14.187, 78.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 39.169, 73.034 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(154, 110, 54)` looks like.

```
.text, #text, p{  
    color:rgb(154, 110, 54)  
}
```

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(154, 110, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 110, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 39.169, 73.034 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(154, 110, 54) }
```

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

```
.border{ border-color:rgb(154, 110, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 110, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 110, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 110, 54);  
box-shadow:4px 4px 4px 4px rgb(154, 110,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 39.169, 73.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 110, 54) }
```

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

```
.background{ background-color: rgb(154,  
110, 54) }
```

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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