

Converting Colors

CIELCh(34, 59.371, 49.862)

Have a look what the booklet for
CIELCh(34, 59.371, 49.862) contains.

CIELCh(34, 59.289, 50.119)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(34, 59.289, 50.119)

Conversions

Conversions Part 1

Format	Color
Hex	8F3101
RGB	143, 49, 1
RGB Percent	56%, 19%, 0%
CMY	0.4400, 0.8084, 0.9966
CMYK	0.00, 0.66, 0.99, 0.44
HSL	20°, 99%, 28%
HSV	20°, 99%, 56%
XYZ	12.3917, 8.0082, 0.9175
YIQ	71.6340, 71.4320, 5.0000

Conversions

Conversions Part 2

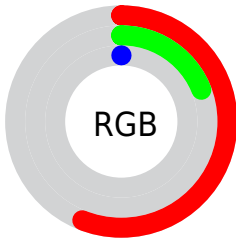
Format	Color
R_{YB}	143, 74, 1
Decimal	9384193
CIE Lab	34.00, 38.02, 45.50
CIE LCh	34, 59.289, 50.119
Yxy	8.0082, 0.5813, 0.3757
Android (android.graphics.Color)	4287574273 (0xFF8F3101)
YUV	71.6340, -34.8226, 62.5880
Hunter-Lab	28.2988, 28.6403, 17.8868

Details

The CIELCh color **34, 59.289, 50.119** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **38, 33.374, 261.430**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 59.392, 50.302**, and **15, 42.589, 32.994** is the 20% darker color. If you saturate the color by 10%, you get **34, 59.673, 50.118**, and if you desaturate by 10%, it is **36, 53.379, 50.897**.

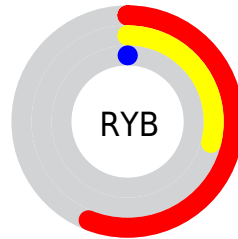
Distribution



Red (56%)

Green (19%)

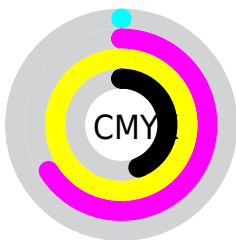
Blue (0%)



Red (56%)

Yellow (29%)

Blue (0%)

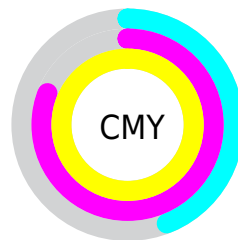


Cyan (0%)

Magenta (66%)

Yellow (99%)

Black (44%)



Cyan (44%)

Magenta (81%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 59.289, 50.119 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 34, 59.289, 50.119 by changing the saturation by 10% instead.

■ 34, 59.289, 50.119

■ 34, 59.289, 50.119

■ 100, 59.289,
50.119

■ 24, 59.289, 50.119

■ 54, 59.289, 50.119

■ 14, 59.289, 50.119

■ 64, 59.289, 50.119

■ 4, 59.289, 50.119

■ 74, 59.289, 50.119

■ 0, 59.289, 50.119

■ 84, 59.289, 50.119

■ 94, 59.289, 50.119

■ 34, 59.289, 50.119

■ 34, 59.289, 50.119

■ 34, 59.673, 50.118

■ 36, 53.379, 50.897

■ 38, 46.893, 51.589

■ 40, 40.010, 52.027

■ 43, 33.200, 52.435

■ 45, 26.679, 52.900

■ 48, 20.531, 53.447

■ 51, 14.778, 54.072

■ 54, 9.410, 54.756

■ 57, 4.401, 55.460

Harmonies

Complementary

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



34, 59.289, 50.119



38, 33.374, 261.430

Rectangle

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



34, 59.289, 50.119



34, 59.289, 100.119



34, 59.289, 230.119



34, 59.289, 280.119

Sweetspot

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



34, 59.287, 50.121



65, 18.808, 53.990



31, 58.902, 346.772



33, 13.110, 53.749



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



34, 59.287, 50.121



44, 73.121, 49.364



51, 56.357, 91.061



29, 2.644, 55.474



32, 57.121, 50.220



1, 1.738, 56.273

Inverse Universe

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



38, 33.374, 261.430



49, 41.263, 262.894



19, 76.912, 302.836



29, 2.532, 237.172



36, 32.106, 261.411



1, 1.738, 236.291

Previews

White Background



This preview shows how the CIELCh color 34, 59.289, 50.119 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 34, 59.289, 50.119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 34, 59.289, 50.119

Background



This preview shows how black text looks on a background with the CIELCh color 34, 59.289, 50.119.



This preview shows how white text looks on a background with the CIELCh color 34, 59.289, 50.119.

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

34, 59.289, 50.119

Protanopia

34, 37.520, 95.769

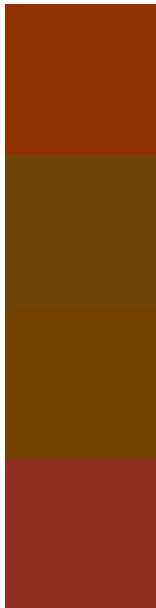
Deuteranopia

34, 43.044, 85.060



Tritanopia
34, 46.824, 27.884

Trichromacy



Original Color
34, 59.289, 50.119

Protanomaly
33, 41.059, 71.751

Deuteranomaly
34, 46.654, 68.420

Tritanomaly
34, 51.334, 38.696

Monochromacy



Original Color
34, 59.289, 50.119

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 21.187, 53.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 59.289, 50.119 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(143, 49, 1)` looks like.

```
.text, #text, p{  
    color:rgb(143, 49, 1)  
}
```

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(143, 49, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 49, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 59.289, 50.119 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(143, 49, 1) }
```

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

```
.border{ border-color:rgb(143, 49, 1) }
```

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

Here you see how a box with a 4 pixel rgb(143, 49, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 49, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 49, 1);  
box-shadow:4px 4px 4px 4px rgb(143, 49, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 59.289, 50.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 49, 1) }
```

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

```
.background{ background-color: rgb(143, 49,  
1) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor