

Converting Colors

CIELCh(49, 50.936, 11.731)

Have a look what the booklet for
CIELCh(49, 50.936, 11.731) contains.

CIELCh(49, 51.196, 11.785)	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(49, 51.196, 11.785)

Conversions

Conversions Part 1

Format	Color
Hex	C34B65
RGB	195, 75, 101
RGB Percent	76%, 29%, 40%
CMY	0.2350, 0.7056, 0.6037
CMYK	0.00, 0.62, 0.48, 0.24
HSL	347°, 50%, 53%
HSV	347°, 62%, 76%
XYZ	27.3975, 17.5941, 14.2795
YIQ	113.8440, 63.1740, 33.5260

Conversions

Conversions Part 2

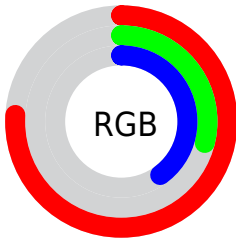
Format	Color
RYB	195, 75, 101
Decimal	12798821
CIELab	49.00, 50.12, 10.46
CIElCh	49, 51.196, 11.785
Yxy	17.5941, 0.4622, 0.2968
Android (android.graphics.Color)	4290988901 (0xFFC34B65)
YUV	113.8440, -6.3321, 71.1738
Hunter-Lab	41.9453, 43.1873, 9.1774

Details

The CIELCh color **49, 51.196, 11.785** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **72, 39.825, 175.468**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 51.057, 11.525**, and **29, 51.049, 11.385** is the 20% darker color. If you saturate the color by 10%, you get **46, 58.807, 15.025**, and if you desaturate by 10%, it is **53, 42.897, 9.228**.

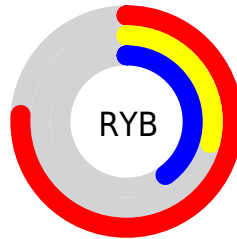
Distribution



Red (76%)

Green (29%)

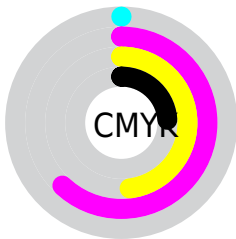
Blue (40%)



Red (76%)

Yellow (29%)

Blue (40%)

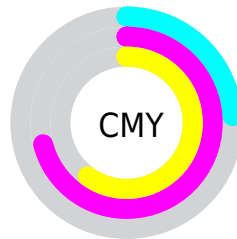


Cyan (0%)

Magenta (62%)

Yellow (48%)

Black (24%)



Cyan (24%)

Magenta (71%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 51.196, 11.785 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 49, 51.196, 11.785 by changing the saturation by 10% instead.

 49, 51.196, 11.785

 49, 51.196, 11.785

 100, 51.196,
11.785

 39, 51.196, 11.785

 69, 51.196, 11.785


 29, 51.196, 11.785

 79, 51.196, 11.785


 19, 51.196, 11.785

 89, 51.196, 11.785

 9, 51.196, 11.785

 99, 51.196, 11.785

 0, 51.196, 11.785

 49, 51.196, 11.785

 49, 51.196, 11.785

 46, 58.807, 15.025

 53, 42.897, 9.228

 43, 65.455, 19.078

 57, 34.265, 7.194

42, 71.054, 23.967

62, 25.598, 5.550

41, 75.297, 28.411

67, 17.113, 4.194

73, 8.942, 3.039

78, 1.150, 1.701

83, 6.242, 181.379

89, 13.241,
180.605

95, 19.868,
179.943

Harmonies

Complementary

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



49, 51.196, 11.785



72, 39.825, 175.468

Rectangle

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



49, 51.196, 11.785



49, 51.196, 61.785



49, 51.196, 191.785



49, 51.196, 241.785

Sweetspot

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



49, 51.193, 11.787



87, 17.519, 3.802



49, 72.839, 320.711



45, 12.358, 4.160



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



49, 51.193, 11.787



58, 74.474, 16.397



55, 45.792, 47.412



38, 4.355, 2.806



33, 64.746, 27.535



3, 14.334, 7.753

Inverse Universe

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



49, 51.193, 11.787



58, 74.474, 16.397



62, 29.698, 238.176



38, 4.355, 2.806



33, 64.746, 27.535



3, 14.334, 7.753

Previews

White Background



This preview shows how the CIELCh color 49, 51.196, 11.785 looks on a white background.

Color Contrast Check

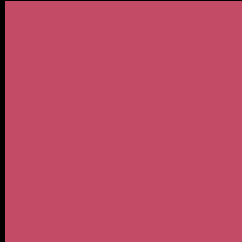
Large Text (above 18pt) WCAG AA ✓ Pass

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 49, 51.196, 11.785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

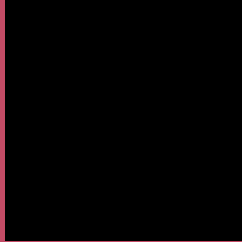
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 51.196, 11.785

Background



This preview shows how black text looks on a background with the CIELCh color 49, 51.196, 11.785.



This preview shows how white text looks on a background with the CIELCh color 49, 51.196, 11.785.

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

49, 51.196, 11.785

Protanopia

49, 4.139, 296.201

Deuteranopia

49, 14.635, 62.585



Tritanopia
49, 51.458, 24.345

Trichromacy



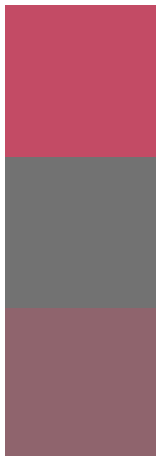
Original Color
49, 51.196, 11.785

Protanomaly
48, 19.932, 357.931

Deuteranomaly
48, 25.691, 25.267

Tritanomaly
49, 50.820, 19.507

Monochromacy



Original Color
49, 51.196, 11.785

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 18.848, 5.778

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 51.196, 11.785 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(195, 75, 101)` looks like.

```
.text, #text, p{  
    color:rgb(195, 75, 101)  
}
```

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(195, 75, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 75, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 51.196, 11.785 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(195, 75, 101) }
```

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

```
.border{ border-color:rgb(195, 75, 101) }
```

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

Here you see how a box with a 4 pixel rgb(195, 75, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 75, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 75, 101);  
box-shadow:4px 4px 4px 4px rgb(195, 75,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 51.196, 11.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 75, 101) }
```

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

```
.background{ background-color: rgb(195, 75,  
101) }
```

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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