

Converting Colors

CIELCh(50, 58.153, 339.712)

Have a look what the booklet for
CIELCh(50, 58.153, 339.712)
contains.

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Color

CIELCh(50, 57.994, 339.931)

Conversions

Conversions Part 1

Format	Color
Hex	BE4C9A
RGB	190, 76, 154
RGB Percent	75%, 30%, 60%
CMY	0.2553, 0.7023, 0.3965
CMYK	0.00, 0.60, 0.19, 0.26
HSL	319°, 47%, 52%
HSV	319°, 60%, 74%
XYZ	29.6112, 18.4187, 32.5240
YIQ	118.9780, 42.9060, 48.4260

Conversions

Conversions Part 2

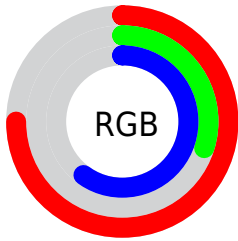
Format	Color
RYB	190, 76, 154
Decimal	12471450
CIELab	50.00, 54.47, -19.90
CIELCh	50, 57.994, 339.931
Yxy	18.4187, 0.3676, 0.2287
Android (android.graphics.Color)	4290661530 (0xFFBE4C9A)
YUV	118.9780, 17.2658, 62.2863
Hunter-Lab	42.9170, 48.0541, -14.8902

Details

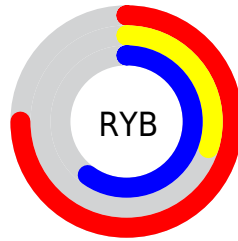
The CIELCh color **50, 57.994, 339.931** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **69, 57.918, 148.797**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 57.953, 339.842**, and **30, 58.001, 339.647** is the 20% darker color. If you saturate the color by 10%, you get **47, 64.843, 341.106**, and if you desaturate by 10%, it is **54, 49.655, 338.901**.

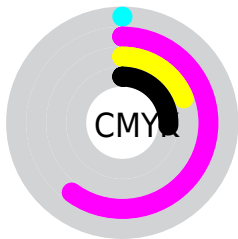
Distribution



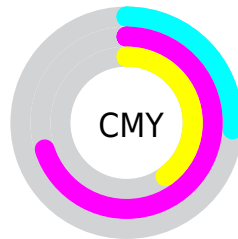
- Red (75%)
- Green (30%)
- Blue (60%)



- Red (75%)
- Yellow (30%)
- Blue (60%)



- Cyan (0%)
- Magenta (60%)
- Yellow (19%)
- Black (26%)





- Cyan (26%)
- Magenta (70%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 57.994, 339.931 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, 57.994, 339.931 by changing the saturation by 10% instead.


 50, 57.994,
339.931


 50, 57.994,
339.931


 100, 57.994,
339.931


 40, 57.994,
339.931


 70, 57.994,
339.931

 30, 57.994,
339.931


 80, 57.994,
339.931


 20, 57.994,
339.931

 90, 57.994,
339.931

 10, 57.994,
339.931

 0, 57.994, 339.931

 50, 57.994,
339.931

 50, 57.994,
339.931

47, 64.843,
341.106

54, 49.655,
338.901

45, 69.749,
342.485

58, 40.321,
337.975

43, 72.420,
344.146

62, 30.412,
337.126

42, 73.206,
346.108

67, 20.255,
336.337

72, 10.079,
335.588

77, 0.035, 325.427

82, 9.787, 154.322

87, 19.338,
153.698

93, 28.597,
153.122

Harmonies

Complementary

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



50, 57.994, 339.931



69, 57.918, 148.797

Rectangle

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



50, 57.994, 339.931



50, 57.994, 29.931



50, 57.994, 159.931



50, 57.994, 209.931

Sweetspot

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



50, 57.991, 339.931



86, 22.546, 336.204



42, 68.634, 306.493



45, 15.815, 336.430



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



50, 57.991, 339.931



60, 81.245, 341.514



48, 48.961, 12.617



37, 5.664, 335.537



35, 64.092, 345.782



3, 15.868, 340.711

Inverse Universe

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



50, 57.991, 339.931



60, 81.245, 341.514



70, 37.757, 177.083



37, 5.664, 335.537



35, 64.092, 345.782



3, 15.868, 340.711

Previews

White Background



This preview shows how the CIELCh color 50, 57.994, 339.931 looks on a white background.

Color Contrast Check

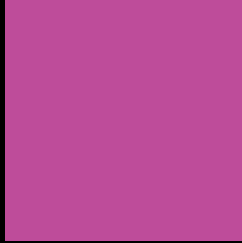
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 50, 57.994, 339.931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

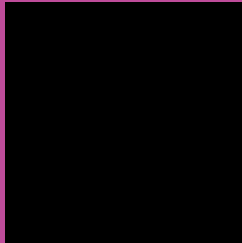
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 57.994, 339.931

Background



This preview shows how black text looks on a background with the CIELCh color 50, 57.994, 339.931.

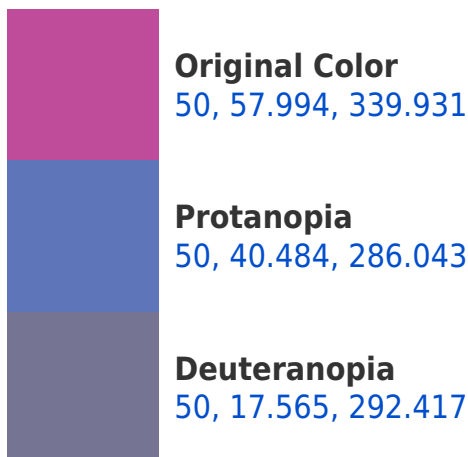


This preview shows how white text looks on a background with the CIELCh color 50, 57.994, 339.931.

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





Tritanopia
50, 41.154, 20.640

Trichromacy



Original Color
50, 57.994, 339.931

Protanomaly
49, 43.430, 307.574

Deuteranomaly
49, 32.132, 322.467

Tritanomaly
50, 44.075, 2.264

Monochromacy



Original Color
50, 57.994, 339.931

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 23.648, 336.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 57.994, 339.931 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(190, 76, 154)` looks like.

```
.text, #text, p{  
    color:rgb(190, 76, 154)  
}
```

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(190, 76, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 76, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 57.994, 339.931 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(190, 76, 154) }
```

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

```
.border{ border-color:rgb(190, 76, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 76, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 76, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 76, 154);  
box-shadow:4px 4px 4px 4px rgb(190, 76,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 57.994, 339.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 76, 154) }
```

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

```
.background{ background-color: rgb(190, 76,  
154) }
```

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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