

Converting Colors

CIELCh(50, 57.523, 340.773)

Have a look what the booklet for
CIELCh(50, 57.523, 340.773)
contains.

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Color

CIELCh(50, 57.363, 340.831)

Conversions

Conversions Part 1

Format	Color
Hex	BE4C98
RGB	190, 76, 152
RGB Percent	75%, 30%, 60%
CMY	0.2544, 0.7015, 0.4035
CMYK	0.00, 0.60, 0.20, 0.25
HSL	320°, 47%, 52%
HSV	320°, 60%, 75%
XYZ	29.5352, 18.4187, 31.7527
YIQ	118.7500, 43.5480, 47.8040

Conversions

Conversions Part 2

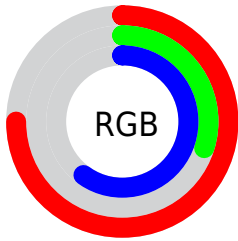
Format	Color
R_{YB}	190, 76, 152
Decimal	12471448
CIE _{Lab}	50.00, 54.18, -18.84
CIE _{LCh}	50, 57.363, 340.831
Yxy	18.4187, 0.3705, 0.2311
Android (android.graphics.Color)	4290661528 (0xFFBE4C98)
YUV	118.7500, 16.3923, 62.4862
Hunter-Lab	42.9170, 47.7381, -13.8247

Details

The CIELCh color **50, 57.363, 340.831** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **69, 57.100, 149.487**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 57.027, 341.112**, and **30, 57.367, 340.625** is the 20% darker color. If you saturate the color by 10%, you get **47, 64.169, 342.075**, and if you desaturate by 10%, it is **54, 49.085, 339.751**.

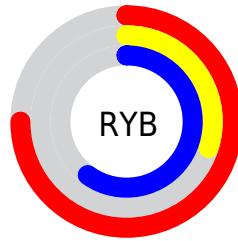
Distribution



Red (75%)

Green (30%)

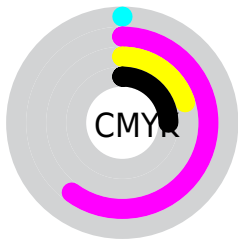
Blue (60%)



Red (75%)

Yellow (30%)

Blue (60%)

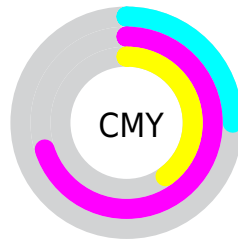


Cyan (0%)

Magenta (60%)

Yellow (20%)

Black (25%)



Cyan (25%)


Magenta (70%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 57.363, 340.831 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, 57.363, 340.831 by changing the saturation by 10% instead.


 50, 57.363,
340.831


 50, 57.363,
340.831


 100, 57.363,
340.831


 40, 57.363,
340.831


 70, 57.363,
340.831

 30, 57.363,
340.831


 80, 57.363,
340.831


 20, 57.363,
340.831

 90, 57.363,
340.831

 10, 57.363,
340.831

 0, 57.363, 340.831

 50, 57.363,
340.831

 50, 57.363,
340.831

47, 64.169,
342.075

54, 49.085,
339.751

45, 69.049,
343.548

58, 39.830,
338.787

43, 71.711,
345.335

62, 30.014,
337.910

42, 72.499,
347.466

67, 19.961,
337.099

42, 72.501,
347.474

72, 9.897, 336.334

77, 0.031, 166.612

82, 9.732, 155.048

87, 19.163,
154.416

93, 28.302,
153.834

Harmonies

Complementary

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



50, 57.363, 340.831



69, 57.100, 149.487

Rectangle

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



50, 57.363, 340.831



50, 57.363, 30.831



50, 57.363, 160.831



50, 57.363, 210.831

Sweetspot

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



50, 57.360, 340.831



86, 22.269, 336.969



42, 68.612, 307.375



45, 15.622, 337.200



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, 57.360, 340.831



60, 80.377, 342.518



48, 49.136, 15.168



37, 5.593, 336.287



35, 63.420, 347.117



3, 15.639, 341.741

Inverse Universe

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



50, 57.360, 340.831



60, 80.377, 342.518



70, 36.749, 180.026



37, 5.593, 336.287



35, 63.420, 347.117



3, 15.639, 341.741

Previews

White Background



This preview shows how the CIELCh color 50, 57.363, 340.831 looks on a white background.

Color Contrast Check

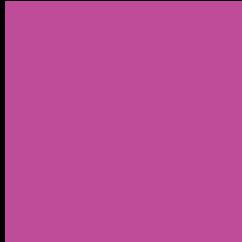
Large Text (above 18pt) WCAG AA ✓ Pass

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, 57.363, 340.831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

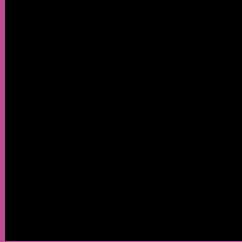
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 57.363, 340.831

Background



This preview shows how black text looks on a background with the CIELCh color 50, 57.363, 340.831.

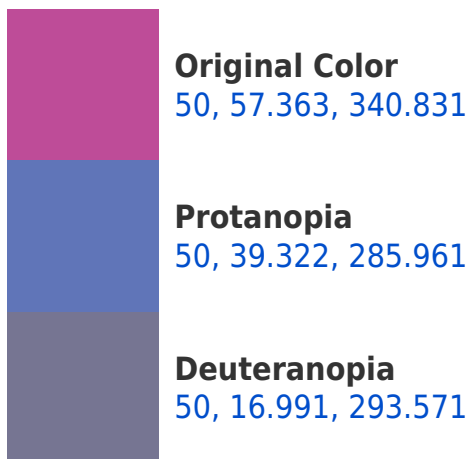


This preview shows how white text looks on a background with the CIELCh color 50, 57.363, 340.831.

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, 41.581, 20.753

Trichromacy



Original Color
50, 57.363, 340.831

Protanomaly
49, 42.321, 307.879

Deuteranomaly
49, 31.164, 323.555

Tritanomaly
50, 44.339, 3.283

Monochromacy



Original Color
50, 57.363, 340.831

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 23.267, 337.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 57.363, 340.831 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(190, 76, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 76, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 57.363, 340.831 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, 152) }
```

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

```
.border{ border-color:rgb(190, 76, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 76, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 76, 152);  
box-shadow:4px 4px 4px 4px rgb(190, 76,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 57.363, 340.831 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, 152) }
```

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

```
.background{ background-color: rgb(190, 76,  
152) }
```

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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