

Converting Colors

CIELCh(51, 52.625, 341.126)

Have a look what the booklet for
CIELCh(51, 52.625, 341.126)
contains.

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Color

CIELCh(51, 52.767, 340.957)

Conversions

Conversions Part 1

Format	Color
Hex	BC5498
RGB	188, 84, 152
RGB Percent	74%, 33%, 60%
CMY	0.2631, 0.6709, 0.4043
CMYK	0.00, 0.55, 0.19, 0.26
HSL	321°, 44%, 53%
HSV	321°, 55%, 74%
XYZ	29.5371, 19.2686, 31.8285
YIQ	122.8480, 40.1560, 43.1960

Conversions

Conversions Part 2

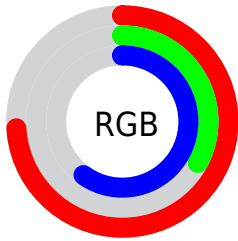
Format	Color
R _Y B	188, 84, 152
Decimal	12342424
CIE Lab	51.00, 49.88, -17.22
CIE LCh	51, 52.767, 340.957
Yxy	19.2686, 0.3663, 0.2390
Android (android.graphics.Color)	4290532504 (0xFFBC5498)
YUV	122.8480, 14.3719, 57.1383
Hunter-Lab	43.8960, 43.2924, -12.2633

Details

The CIELCh color **51, 52.767, 340.957** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **69, 52.148, 150.673**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 52.400, 341.037**, and **31, 52.827, 340.962** is the 20% darker color. If you saturate the color by 10%, you get **48, 60.202, 342.162**, and if you desaturate by 10%, it is **55, 44.116, 339.904**.

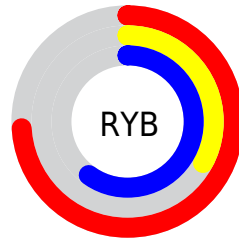
Distribution



Red (74%)

Green (33%)

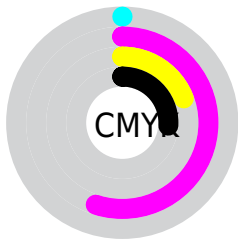
Blue (60%)



Red (74%)

Yellow (33%)

Blue (60%)

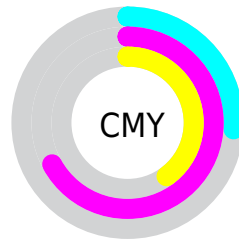


Cyan (0%)

Magenta (55%)

Yellow (19%)

Black (26%)



Cyan (26%)


Magenta (67%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 52.767, 340.957 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 51, 52.767, 340.957 by changing the saturation by 10% instead.


 51, 52.767,
340.957


 51, 52.767,
340.957


 100, 52.767,
340.957


 41, 52.767,
340.957


 71, 52.767,
340.957

 31, 52.767,
340.957

 81, 52.767,
340.957

 21, 52.767,
340.957

 91, 52.767,
340.957

 11, 52.767,
340.957

 1, 52.767, 340.957

 0, 52.767, 340.957

51, 52.767,
340.957

51, 52.767,
340.957

48, 60.202,
342.162

55, 44.116,
339.904

45, 65.946,
343.578

59, 34.712,
338.960

43, 69.611,
345.287

64, 24.924,
338.099

42, 71.075,
347.387

69, 15.022,
337.299


41, 71.361,
348.456

74, 5.189, 336.521

79, 4.459, 155.976

84, 13.858,
155.283

89, 22.977,
154.671

 94, 31.805,
154.103

Harmonies

Complementary

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



51, 52.767, 340.957



69, 52.148, 150.673

Rectangle

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



51, 52.767, 340.957



51, 52.767, 30.957



51, 52.767, 160.957



51, 52.767, 210.957

Sweetspot

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



51, 52.764, 340.958



86, 20.660, 337.450



44, 62.543, 306.991



44, 13.829, 337.608



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



51, 52.764, 340.958



61, 74.812, 342.391



49, 44.834, 13.925



37, 5.543, 336.838



35, 62.962, 348.101



3, 15.481, 342.485

Inverse Universe

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



51, 52.764, 340.958



61, 74.812, 342.391



70, 34.331, 180.564



37, 5.543, 336.838



35, 62.962, 348.101



3, 15.481, 342.485

Previews

White Background



This preview shows how the CIELCh color 51, 52.767, 340.957 looks on a white background.

Color Contrast Check

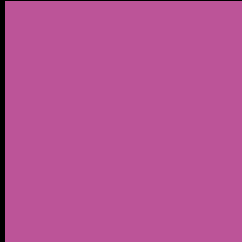
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 52.767, 340.957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

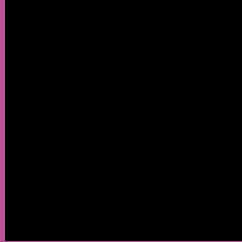
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 52.767, 340.957

Background



This preview shows how black text looks on a background with the CIELCh color 51, 52.767, 340.957.

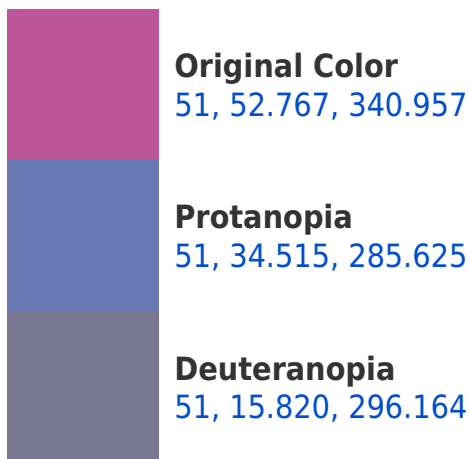


This preview shows how white text looks on a background with the CIELCh color 51, 52.767, 340.957.

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
51, 38.191, 18.823

Trichromacy



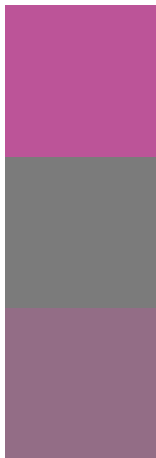
Original Color
51, 52.767, 340.957

Protanomaly
50, 37.569, 308.761

Deuteranomaly
50, 28.760, 324.576

Tritanomaly
51, 41.063, 2.132

Monochromacy



Original Color
51, 52.767, 340.957

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 20.868, 337.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 52.767, 340.957 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(188, 84, 152)` looks like.

```
.text, #text, p{  
    color:rgb(188, 84, 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(188, 84, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 84, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 52.767, 340.957 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(188, 84, 152) }
```

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

```
.border{ border-color:rgb(188, 84, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 84, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 84, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 84, 152);  
box-shadow:4px 4px 4px 4px rgb(188, 84,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 52.767, 340.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 84, 152) }
```

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

```
.background{ background-color: rgb(188, 84,  
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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