

Converting Colors

CIELCh(51, 68.442, 327.328)

Have a look what the booklet for
CIELCh(51, 68.442, 327.328)
contains.

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Color

CIELCh(51, 68.355, 327.067)

Conversions

Conversions Part 1

Format	Color
Hex	B94EBA
RGB	185, 78, 186
RGB Percent	73%, 31%, 73%
CMY	0.2750, 0.6946, 0.2711
CMYK	0.01, 0.58, 0.00, 0.27
HSL	299°, 44%, 52%
HSV	299°, 58%, 73%
XYZ	31.5409, 19.2686, 48.4404
YIQ	122.3050, 29.1040, 56.2720

Conversions

Conversions Part 2

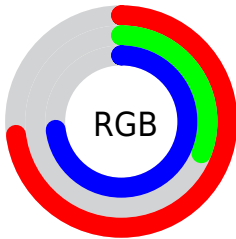
Format	Color
R_{YB}	185, 78, 186
Decimal	12144314
CIE _{Lab}	51.00, 57.37, -37.16
CIE _{LCh}	51, 68.355, 327.067
Yxy	19.2686, 0.3178, 0.1941
Android (android.graphics.Color)	4290334394 (0xFFB94EBA)
YUV	122.3050, 31.4016, 54.9835
Hunter-Lab	43.8960, 51.4406, -34.7008

Details

The CIELCh color **51, 68.355, 327.067** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **67, 68.924, 139.336**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 68.316, 326.842**, and **31, 68.217, 327.194** is the 20% darker color. If you saturate the color by 10%, you get **48, 77.104, 327.401**, and if you desaturate by 10%, it is **54, 58.052, 326.659**.

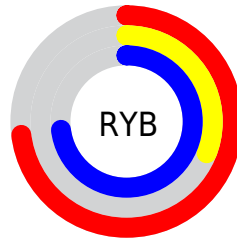
Distribution



Red (73%)

Green (31%)

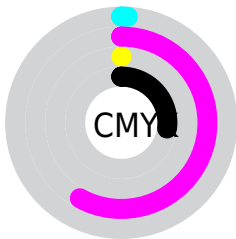
Blue (73%)



Red (73%)

Yellow (31%)

Blue (73%)

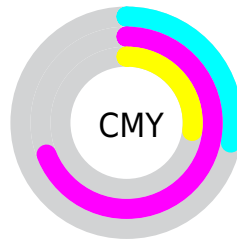


Cyan (1%)

Magenta (58%)

Yellow (0%)

Black (27%)



Cyan (28%)


Magenta (69%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 68.355, 327.067 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, 68.355, 327.067 by changing the saturation by 10% instead.


 51, 68.355,
327.067


 51, 68.355,
327.067


 100, 68.355,
327.067


 41, 68.355,
327.067


 71, 68.355,
327.067

 31, 68.355,
327.067

 81, 68.355,
327.067

 21, 68.355,
327.067

 91, 68.355,
327.067

 11, 68.355,
327.067

 1, 68.355, 327.067

 0, 68.355, 327.067

51, 68.355,
327.067

51, 68.355,
327.067

48, 77.104,
327.401

54, 58.052,
326.659

46, 83.872,
327.646

58, 46.675,
326.193

45, 88.386,
327.795

62, 34.649,
325.687

44, 90.787,
327.857

67, 22.320,
325.155

44, 91.161,
327.865

72, 9.945, 324.606

76, 2.301, 144.201

81, 14.302,
143.591

86, 25.991,
143.079

■ 91, 37.335,
142.595

Harmonies

Complementary

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



51, 68.355, 327.067



67, 68.924, 139.336

Rectangle

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



51, 68.355, 327.067



51, 68.355, 17.067



51, 68.355, 147.067



51, 68.355, 197.067

Sweetspot

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



51, 68.353, 327.067



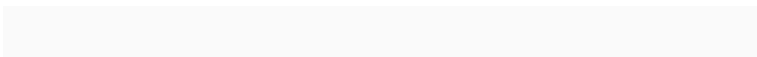
86, 25.990, 325.111



39, 64.326, 298.525



45, 17.534, 325.220



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, 68.353, 327.067



61, 96.862, 327.485



49, 50.421, 349.190



36, 6.890, 324.675



36, 79.919, 327.870



3, 18.733, 324.350

Inverse Universe

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



48, 48.764, 26.239



56, 74.319, 30.059



68, 48.032, 156.413



36, 4.003, 19.163



32, 71.515, 39.228



2, 10.640, 18.839

Previews

White Background



This preview shows how the CIELCh color 51, 68.355, 327.067 looks on a white background.

Color Contrast Check

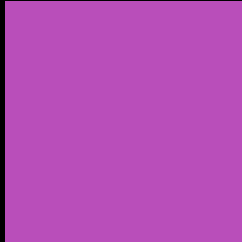
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 51, 68.355, 327.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

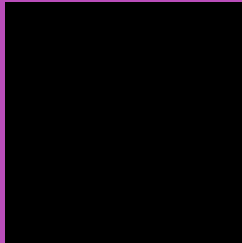
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 68.355, 327.067

Background



This preview shows how black text looks on a background with the CIELCh color 51, 68.355, 327.067.

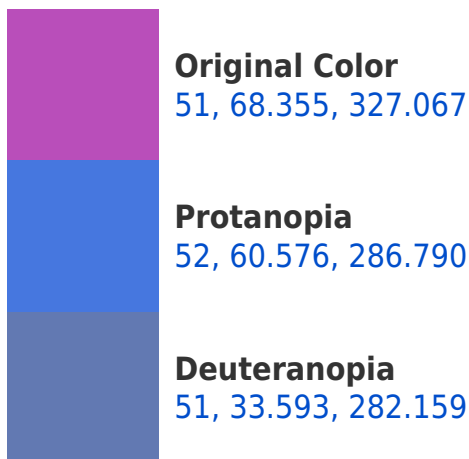


This preview shows how white text looks on a background with the CIELCh color 51, 68.355, 327.067.

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, 32.797, 15.936

Trichromacy



Original Color
51, 68.355, 327.067



Protanomaly
49, 61.383, 299.440



Deuteranomaly
50, 45.334, 305.735



Tritanomaly
51, 42.016, 348.123

Monochromacy



Original Color
51, 68.355, 327.067



Achromatopsia
51, 0.007, 296.813



Achromatomaly
50, 27.163, 325.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 68.355, 327.067 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(185, 78, 186)` looks like.

```
.text, #text, p{  
    color:rgb(185, 78, 186)  
}
```

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(185, 78, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 78, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 68.355, 327.067 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(185, 78, 186) }
```

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

```
.border{ border-color:rgb(185, 78, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 78, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 78, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 78, 186);  
box-shadow:4px 4px 4px 4px rgb(185, 78,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 68.355, 327.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 78, 186) }
```

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

```
.background{ background-color: rgb(185, 78,  
186) }
```

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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