

Converting Colors

CIELCh(51, 68.848, 326.940)

Have a look what the booklet for
CIELCh(51, 68.848, 326.940)
contains.

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Color

CIELCh(51, 68.777, 326.795)

Conversions

Conversions Part 1

Format	Color
Hex	B94EBB
RGB	185, 78, 187
RGB Percent	73%, 31%, 73%
CMY	0.2756, 0.6951, 0.2677
CMYK	0.01, 0.58, 0.00, 0.27
HSL	299°, 44%, 52%
HSV	299°, 58%, 73%
XYZ	31.5890, 19.2686, 48.9208
YIQ	122.4190, 28.7830, 56.5830

Conversions

Conversions Part 2

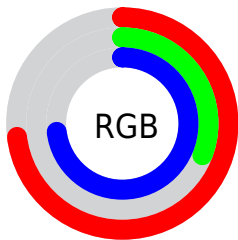
Format	Color
R_{YB}	185, 78, 187
Decimal	12144315
CIE _{Lab}	51.00, 57.55, -37.66
CIE _{LCh}	51, 68.777, 326.795
Yxy	19.2686, 0.3166, 0.1931
Android (android.graphics.Color)	4290334395 (0xFFB94EBB)
YUV	122.4190, 31.8384, 54.8835
Hunter-Lab	43.8960, 51.6364, -35.3497

Details

The CIELCh color **51, 68.777, 326.795** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **68, 69.293, 139.144**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 68.727, 326.585**, and **31, 68.641, 326.904** is the 20% darker color. If you saturate the color by 10%, you get **48, 77.535, 327.115**, and if you desaturate by 10%, it is **54, 58.459, 326.397**.

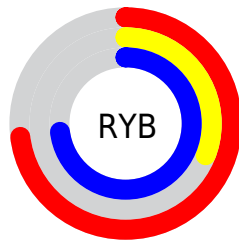
Distribution



Red (73%)

Green (31%)

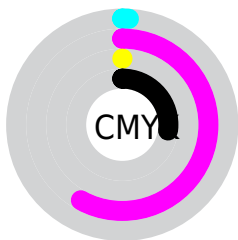
Blue (73%)



Red (73%)

Yellow (31%)

Blue (73%)

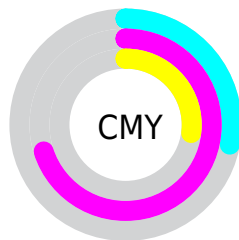


Cyan (1%)

Magenta (58%)

Yellow (0%)

Black (27%)



Cyan (28%)


Magenta (70%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 68.777, 326.795 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, 68.777, 326.795 by changing the saturation by 10% instead.


 51, 68.777,
326.795


 51, 68.777,
326.795


 100, 68.777,
326.795


 41, 68.777,
326.795


 71, 68.777,
326.795

 31, 68.777,
326.795

 81, 68.777,
326.795

 21, 68.777,
326.795

 91, 68.777,
326.795

 11, 68.777,
326.795

 1, 68.777, 326.795

 0, 68.777, 326.795

51, 68.777,
326.795

51, 68.777,
326.795

48, 77.535,
327.115

54, 58.459,
326.397

46, 84.302,
327.342

58, 47.063,
325.939

45, 88.799,
327.468

62, 35.020,
325.440

44, 91.190,
327.501

67, 22.674,
324.915


44, 91.515,
327.504

72, 10.282,
324.372

77, 1.979, 143.989

82, 13.997,
143.368

87, 25.704,
142.862

 92, 37.066,
142.384

Harmonies

Complementary

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



51, 68.777, 326.795



68, 69.293, 139.144

Rectangle

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



51, 68.777, 326.795



51, 68.777, 16.795



51, 68.777, 146.795



51, 68.777, 196.795

Sweetspot

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



51, 68.775, 326.795



85, 27.452, 324.911



40, 63.714, 298.002



44, 19.242, 325.067



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, 68.775, 326.795



61, 96.800, 327.188



49, 51.237, 348.195



37, 7.028, 324.427



37, 80.913, 327.513



3, 21.276, 324.653

Inverse Universe

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



48, 49.021, 25.671



56, 73.959, 29.457



68, 49.117, 155.550



37, 4.095, 18.424



32, 72.086, 38.923



3, 12.257, 18.341

Previews

White Background



This preview shows how the CIELCh color 51, 68.777, 326.795 looks on a white background.

Color Contrast Check

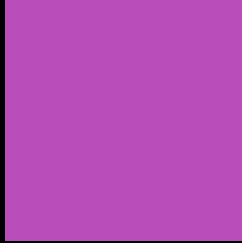
Large Text (above 18pt) WCAG AA ✓ Pass

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, 68.777, 326.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

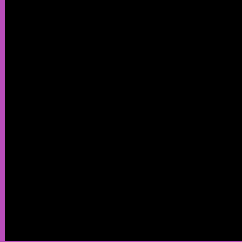
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 68.777, 326.795

Background



This preview shows how black text looks on a background with the CIELCh color 51, 68.777, 326.795.

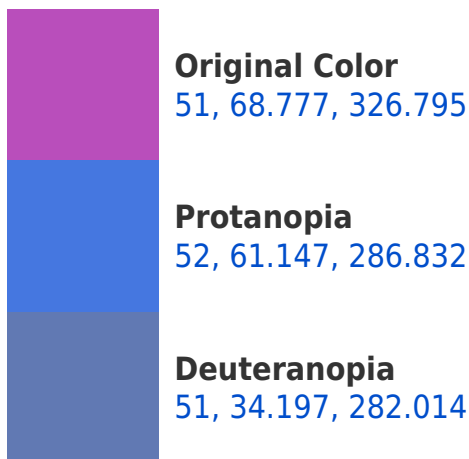


This preview shows how white text looks on a background with the CIELCh color 51, 68.777, 326.795.

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, 32.361, 16.734

Trichromacy



Original Color
51, 68.777, 326.795



Protanomaly
49, 61.945, 299.222



Deuteranomaly
50, 45.850, 305.222



Tritanomaly
51, 41.447, 348.383

Monochromacy



Original Color
51, 68.777, 326.795



Achromatopsia
51, 0.007, 296.813



Achromatomaly
50, 27.631, 325.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 68.777, 326.795 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(185, 78, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 78, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 68.777, 326.795 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, 187) }
```

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

```
.border{ border-color:rgb(185, 78, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 78, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 78, 187);  
box-shadow:4px 4px 4px 4px rgb(185, 78,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 68.777, 326.795 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, 187) }
```

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

```
.background{ background-color: rgb(185, 78,  
187) }
```

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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