

Converting Colors

CIELCh(51, 56.826, 348.144)

Have a look what the booklet for
CIELCh(51, 56.826, 348.144)
contains.

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Color

CIELCh(51, 56.829, 348.095)

Conversions

Conversions Part 1

Format	Color
Hex	C74C8F
RGB	199, 76, 143
RGB Percent	78%, 30%, 56%
CMY	0.2199, 0.7023, 0.4395
CMYK	0.00, 0.62, 0.28, 0.22
HSL	327°, 52%, 54%
HSV	327°, 62%, 78%
XYZ	31.0611, 19.2686, 28.0379
YIQ	120.4150, 51.8010, 46.9130

Conversions

Conversions Part 2

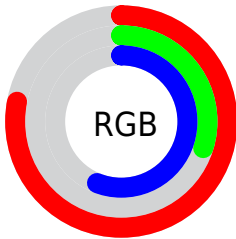
Format	Color
R_{YB}	199, 76, 143
Decimal	13061263
CIE _{Lab}	51.00, 55.61, -11.72
CIE _{LCh}	51, 56.829, 348.095
Yxy	19.2686, 0.3964, 0.2459
Android (android.graphics.Color)	4291251343 (0xFFC74C8F)
YUV	120.4150, 11.1344, 68.9190
Hunter-Lab	43.8960, 49.4897, -7.1434

Details

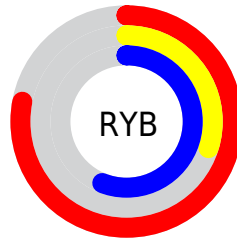
The CIELCh color **51, 56.829, 348.095** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **72, 54.834, 154.417**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 55.989, 346.950**, and **31, 56.886, 347.755** is the 20% darker color. If you saturate the color by 10%, you get **48, 63.271, 349.961**, and if you desaturate by 10%, it is **55, 48.905, 346.561**.

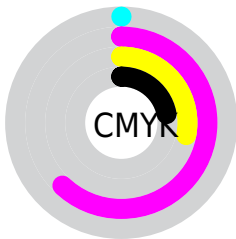
Distribution



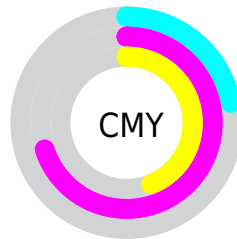
- Red (78%)
- Green (30%)
- Blue (56%)



- Red (78%)
- Yellow (30%)
- Blue (56%)



- Cyan (0%)
- Magenta (62%)
- Yellow (28%)
- Black (22%)





- Cyan (22%)
- Magenta (70%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 56.829, 348.095 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, 56.829, 348.095 by changing the saturation by 10% instead.


 51, 56.829,
348.095


 51, 56.829,
348.095


 100, 56.829,
348.095


 41, 56.829,
348.095


 71, 56.829,
348.095

 31, 56.829,
348.095

 81, 56.829,
348.095

 21, 56.829,
348.095

 91, 56.829,
348.095

 11, 56.829,
348.095

 1, 56.829, 348.095

 0, 56.829, 348.095

51, 56.829,
348.095

51, 56.829,
348.095

48, 63.271,
349.961

55, 48.905,
346.561

45, 67.799,
352.282

59, 39.999,
345.264

44, 70.195,
355.203

64, 30.545,
344.139

43, 70.965,
358.027

69, 20.874,
343.141

74, 11.216,
342.234

79, 1.721, 341.233

85, 7.529, 160.768

90, 16.491,
160.056

■ 96, 25.149,
159.414

Harmonies

Complementary

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



51, 56.829, 348.095



72, 54.834, 154.417

Rectangle

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



51, 56.829, 348.095



51, 56.829, 38.095



51, 56.829, 168.095



51, 56.829, 218.095

Sweetspot

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



51, 56.826, 348.096



88, 22.186, 342.903



44, 73.414, 310.726



45, 15.300, 343.174



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



51, 56.826, 348.096



60, 78.336, 350.660



49, 54.333, 24.453



39, 5.362, 342.020



35, 61.390, 357.431



4, 18.331, 350.231

Inverse Universe

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



51, 56.826, 348.096



60, 78.336, 350.660



74, 35.837, 191.360



39, 5.362, 342.020



35, 61.390, 357.431



4, 18.331, 350.231

Previews

White Background



This preview shows how the CIELCh color 51, 56.829, 348.095 looks on a white background.

Color Contrast Check

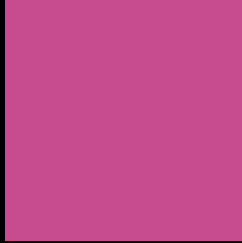
Large Text (above 18pt) WCAG AA ✓ Pass

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, 56.829, 348.095 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, 56.829, 348.095

Background



This preview shows how black text looks on a background with the CIELCh color 51, 56.829, 348.095.

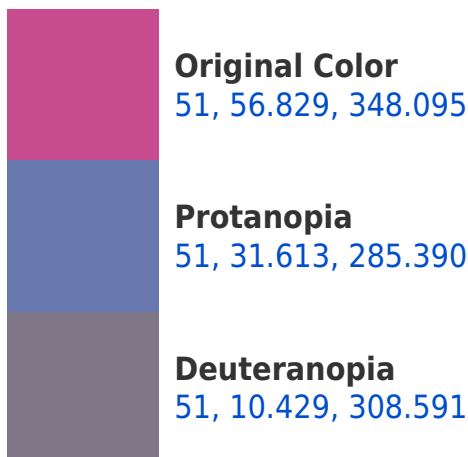


This preview shows how white text looks on a background with the CIELCh color 51, 56.829, 348.095.

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](#).

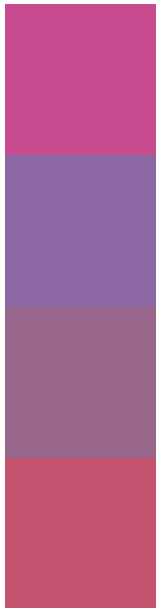
Dichromacy





Tritanopia
51, 47.300, 22.305

Trichromacy



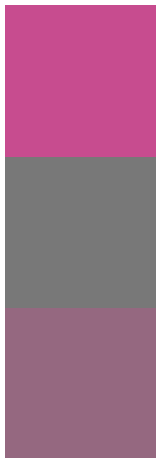
Original Color
51, 56.829, 348.095

Protanomaly
50, 36.773, 313.847

Deuteranomaly
50, 28.423, 335.756

Tritanomaly
51, 48.261, 8.330

Monochromacy



Original Color
51, 56.829, 348.095

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 22.730, 344.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 56.829, 348.095 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(199, 76, 143)` looks like.

```
.text, #text, p{  
    color:rgb(199, 76, 143)  
}
```

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(199, 76, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 76, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 56.829, 348.095 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(199, 76, 143) }
```

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

```
.border{ border-color:rgb(199, 76, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 76, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 76, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 76, 143);  
box-shadow:4px 4px 4px 4px rgb(199, 76,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 56.829, 348.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 76, 143) }
```

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

```
.background{ background-color: rgb(199, 76,  
143) }
```

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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