

Converting Colors

CIELCh(58, 50.849, 334.230)

Have a look what the booklet for
CIELCh(58, 50.849, 334.230)
contains.

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Color

CIELCh(58, 51.224, 334.268)

Conversions

Conversions Part 1

Format	Color
Hex	C76BB3
RGB	199, 107, 179
RGB Percent	78%, 42%, 70%
CMY	0.2191, 0.5799, 0.2975
CMYK	0.00, 0.46, 0.10, 0.22
HSL	313°, 45%, 60%
HSV	313°, 46%, 78%
XYZ	37.0083, 25.9610, 45.7751
YIQ	142.7160, 31.7200, 41.8960

Conversions

Conversions Part 2

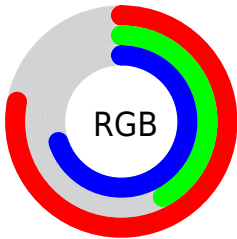
Format	Color
R_{YB}	199, 107, 179
Decimal	13069235
CIE _{Lab}	58.00, 46.14, -22.24
CIE _{LCh}	58, 51.224, 334.268
Yxy	25.9610, 0.3403, 0.2387
Android (android.graphics.Color)	4291259315 (0xFFC76BB3)
YUV	142.7160, 17.8880, 49.3611
Hunter-Lab	50.9519, 40.4854, -17.5997

Details

The CIELCh color **58, 51.224, 334.268** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **73, 51.147, 147.118**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 50.687, 333.443**, and **38, 51.063, 334.302** is the 20% darker color. If you saturate the color by 10%, you get **54, 60.862, 335.032**, and if you desaturate by 10%, it is **62, 40.637, 333.539**.

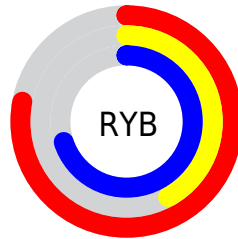
Distribution



Red (78%)

Green (42%)

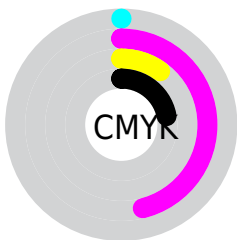
Blue (70%)



Red (78%)

Yellow (42%)

Blue (70%)

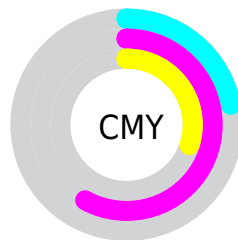


Cyan (0%)

Magenta (46%)

Yellow (10%)

Black (22%)



Cyan (22%)


Magenta (58%)


Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 51.224, 334.268 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 58, 51.224, 334.268 by changing the saturation by 10% instead.


 58, 51.224,
334.268

 58, 51.224,
334.268


 100, 51.224,
334.268

 48, 51.224,
334.268


 78, 51.224,
334.268

 38, 51.224,
334.268

 88, 51.224,
334.268

 28, 51.224,
334.268

 98, 51.224,
334.268

 18, 51.224,
334.268

 8, 51.224, 334.268

 0, 51.224, 334.268

58, 51.224,
334.268

58, 51.224,
334.268

54, 60.862,
335.032

62, 40.637,
333.539

51, 69.060,
335.844

67, 29.531,
332.838

48, 75.313,
336.727

72, 18.221,
332.160

46, 79.241,
337.715

77, 6.933, 331.488

45, 80.774,
338.851


82, 4.189, 150.992

45, 81.034,
339.308

88, 15.057,
150.350

93, 25.625,
149.784

95, 29.052,
151.152

 95, 27.400,
154.191

Harmonies

Complementary

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



58, 51.224, 334.268



73, 51.147, 147.118

Rectangle

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



58, 51.224, 334.268



58, 51.224, 24.268



58, 51.224, 154.268



58, 51.224, 204.268

Sweetspot

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



58, 51.221, 334.268



91, 19.225, 332.027



51, 53.970, 302.749



47, 13.287, 332.173



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 51.221, 334.268



69, 72.886, 335.001



56, 39.413, 3.115



39, 6.346, 331.705



37, 70.067, 339.112



4, 22.102, 335.905

Inverse Universe

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



58, 51.221, 334.268



69, 72.886, 335.001



74, 34.006, 172.273



39, 6.346, 331.705



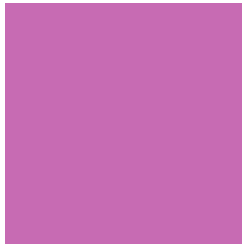
37, 70.067, 339.112



4, 22.102, 335.905

Previews

White Background



This preview shows how the CIELCh color 58, 51.224, 334.268 looks on a white background.

Color Contrast Check

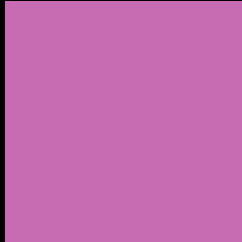
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 51.224, 334.268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

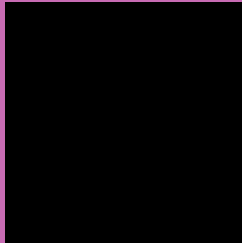
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 51.224, 334.268

Background



This preview shows how black text looks on a background with the CIELCh color 58, 51.224, 334.268.

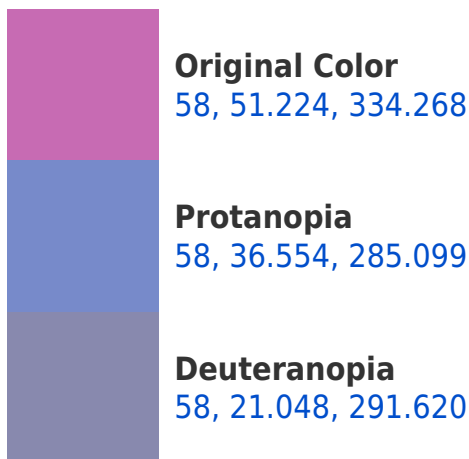


This preview shows how white text looks on a background with the CIELCh color 58, 51.224, 334.268.

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
58, 31.451, 14.048

Trichromacy



Original Color
58, 51.224, 334.268



Protanomaly
57, 38.979, 304.641



Deuteranomaly
57, 30.945, 315.656



Tritanomaly
58, 36.157, 354.425

Monochromacy



Original Color
58, 51.224, 334.268



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 19.441, 332.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 51.224, 334.268 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, 107, 179)` looks like.

```
.text, #text, p{  
    color:rgb(199, 107, 179)  
}
```

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, 107, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 107, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 51.224, 334.268 is called "border". The border property can be set on classes, ids or directly on the HTML element.

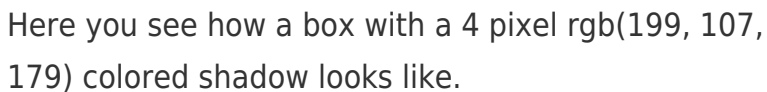
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 107, 179) }
```

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

```
.border{ border-color:rgb(199, 107, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 107, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 107, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 107, 179); box-shadow:4px 4px 4px 4px rgb(199, 107, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 51.224, 334.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 107, 179) }
```

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

```
.background{ background-color: rgb(199,  
107, 179) }
```

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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