

Converting Colors

CIELCh(58, 67.160, 334.449)

Have a look what the booklet for
CIELCh(58, 67.160, 334.449)
contains.

CIELCh(58, 67.313, 334.450)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 67.313, 334.450)

Conversions

Conversions Part 1

Format	Color
Hex	D85BBF
RGB	216, 91, 191
RGB Percent	85%, 36%, 75%
CMY	0.1516, 0.6419, 0.2498
CMYK	0.00, 0.58, 0.12, 0.15
HSL	312°, 62%, 60%
HSV	312°, 58%, 85%
XYZ	41.6233, 25.9610, 52.2874
YIQ	139.7750, 42.4000, 57.6000

Conversions

Conversions Part 2

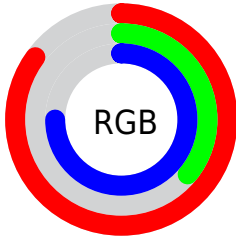
Format	Color
R _Y B	216, 91, 191
Decimal	14179263
CIE Lab	58.00, 60.73, -29.03
CIE LCh	58, 67.313, 334.450
Yxy	25.9610, 0.3472, 0.2166
Android (android.graphics.Color)	4292369343 (0xFFD85BBF)
YUV	139.7750, 25.2539, 66.8493
Hunter-Lab	50.9519, 56.6530, -25.1776

Details

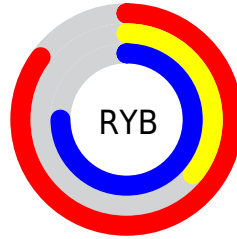
The CIELCh color **58, 67.313, 334.450** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **78, 67.973, 145.014**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 63.956, 328.633**, and **38, 67.212, 334.482** is the 20% darker color. If you saturate the color by 10%, you get **55, 75.817, 335.228**, and if you desaturate by 10%, it is **62, 57.134, 333.712**.

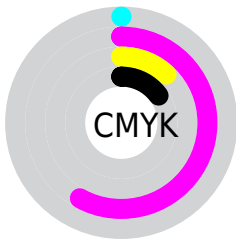
Distribution



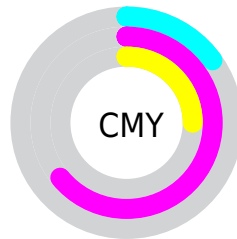
- Red (85%)
- Green (36%)
- Blue (75%)



- Red (85%)
- Yellow (36%)
- Blue (75%)



- Cyan (0%)
- Magenta (58%)
- Yellow (12%)
- Black (15%)





- Cyan (15%)
- Magenta (64%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 67.313, 334.450 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, 67.313, 334.450 by changing the saturation by 10% instead.


 58, 67.313,
334.450


 58, 67.313,
334.450


 100, 67.313,
334.450


 48, 67.313,
334.450


 78, 67.313,
334.450


 38, 67.313,
334.450


 88, 67.313,
334.450

 28, 67.313,
334.450

 98, 67.313,
334.450

 18, 67.313,
334.450

 8, 67.313, 334.450

 0, 67.313, 334.450

58, 67.313,
334.450

58, 67.313,
334.450

55, 75.817,
335.228

62, 57.134,
333.712

52, 82.125,
336.064

67, 45.836,
333.000

50, 85.877,
336.993

71, 33.893,
332.311

49, 87.133,
338.049

77, 21.672,
331.641


49, 87.265,
338.292

82, 9.435, 330.981

88, 2.646, 150.525

93, 14.465,
149.836

97, 20.280,
151.233

 97, 18.654,
155.693

Harmonies

Complementary

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



58, 67.313, 334.450



78, 67.973, 145.014

Rectangle

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



58, 67.313, 334.450



58, 67.313, 24.450



58, 67.313, 154.450



58, 67.313, 204.450

Sweetspot

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



58, 67.310, 334.450



89, 23.664, 331.600



47, 73.416, 303.734



46, 15.840, 331.734



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, 67.310, 334.450



63, 87.368, 335.378



56, 52.665, 4.469



42, 6.829, 331.090



39, 73.360, 338.095



6, 28.442, 335.881

Inverse Universe

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



58, 67.310, 334.450



63, 87.368, 335.378



79, 44.409, 169.441



42, 6.829, 331.090



39, 73.360, 338.095



6, 28.442, 335.881

Previews

White Background



This preview shows how the CIELCh color 58, 67.313, 334.450 looks on a white background.

Color Contrast Check

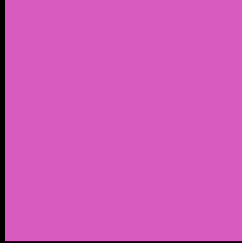
Large Text (above 18pt) WCAG AA ✓ Pass

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, 67.313, 334.450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

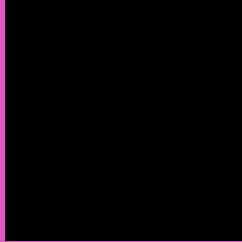
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 67.313, 334.450

Background



This preview shows how black text looks on a background with the CIELCh color 58, 67.313, 334.450.

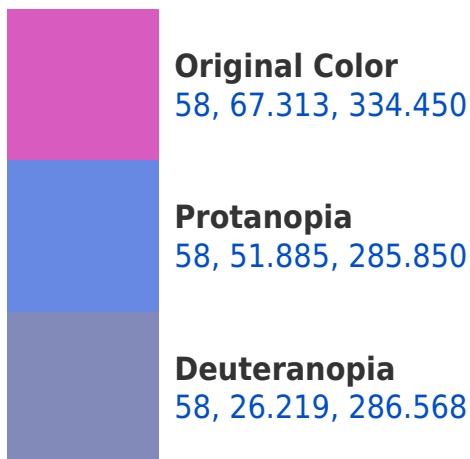


This preview shows how white text looks on a background with the CIELCh color 58, 67.313, 334.450.

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, 41.877, 18.667

Trichromacy



Original Color
58, 67.313, 334.450



Protanomaly
56, 54.850, 303.627



Deuteranomaly
57, 40.175, 314.236



Tritanomaly
58, 47.459, 356.827

Monochromacy



Original Color
58, 67.313, 334.450



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 27.276, 332.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 67.313, 334.450 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(216, 91, 191)` looks like.

```
.text, #text, p{  
    color:rgb(216, 91, 191)  
}
```

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(216, 91, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 91, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 67.313, 334.450 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(216, 91, 191) }
```

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

```
.border{ border-color:rgb(216, 91, 191) }
```

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

Here you see how a box with a 4 pixel rgb(216, 91, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 91, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 91, 191);  
box-shadow:4px 4px 4px 4px rgb(216, 91,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 67.313, 334.450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 91, 191) }
```

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

```
.background{ background-color: rgb(216, 91,  
191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor