

Converting Colors

CIELCh(58, 35.687, 357.938)

Have a look what the booklet for
CIELCh(58, 35.687, 357.938)
contains.

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Color

CIELCh(58, 35.408, 357.764)

Conversions

Conversions Part 1

Format	Color
Hex	C4738F
RGB	196, 115, 143
RGB Percent	77%, 45%, 56%
CMY	0.2316, 0.5492, 0.4394
CMYK	0.00, 0.41, 0.27, 0.23
HSL	339°, 41%, 61%
HSV	339°, 41%, 77%
XYZ	33.8309, 25.9610, 29.1953
YIQ	142.4110, 39.2880, 25.8800

Conversions

Conversions Part 2

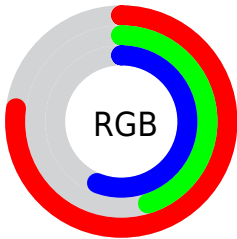
Format	Color
R_{YB}	196, 115, 143
Decimal	12874639
CIE _{Lab}	58.00, 35.38, -1.38
CIE _{LCh}	58, 35.408, 357.764
Yxy	25.9610, 0.3802, 0.2917
Android (android.graphics.Color)	4291064719 (0xFFC4738F)
YUV	142.4110, 0.2904, 46.9976
Hunter-Lab	50.9519, 29.3539, 1.6934

Details

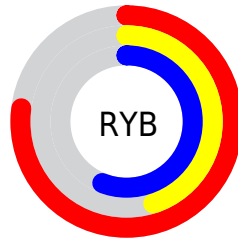
The CIELCh color **58, 35.408, 357.764** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **73, 31.956, 168.584**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 35.545, 357.280**, and **38, 35.635, 357.321** is the 20% darker color. If you saturate the color by 10%, you get **54, 43.886, 359.575**, and if you desaturate by 10%, it is **63, 26.664, 356.270**.

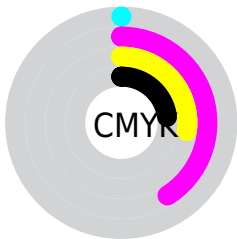
Distribution



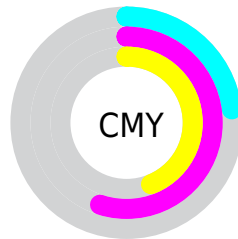
- Red (77%)
- Green (45%)
- Blue (56%)



- Red (77%)
- Yellow (45%)
- Blue (56%)



- Cyan (0%)
- Magenta (41%)
- Yellow (27%)
- Black (23%)





- Cyan (23%)
- Magenta (55%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 35.408, 357.764 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, 35.408, 357.764 by changing the saturation by 10% instead.


 58, 35.408,
357.764


 58, 35.408,
357.764


 100, 35.408,
357.764


 48, 35.408,
357.764


 78, 35.408,
357.764

 38, 35.408,
357.764

 88, 35.408,
357.764

 28, 35.408,
357.764

 98, 35.408,
357.764

 18, 35.408,
357.764

 8, 35.408, 357.764

 0, 35.408, 357.764

58, 35.408,
357.764

58, 35.408,
357.764

54, 43.886,
359.575

63, 26.664,
356.270

50, 51.748, 1.813

68, 17.928,
355.002

46, 58.578, 4.631

73, 9.368, 353.895

44, 64.026, 8.203

78, 1.085, 352.576

42, 67.977, 12.678

84, 6.874, 172.219

41, 70.629, 17.135

89, 14.495,
171.430

95, 21.784,
170.736

96, 20.387,
184.296

■ 96, 19.329,
198.230

Harmonies

Complementary

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



58, 35.408, 357.764



73, 31.956, 168.584

Rectangle

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



58, 35.408, 357.764



58, 35.408, 47.764



58, 35.408, 177.764



58, 35.408, 227.764

Sweetspot

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



58, 35.405, 357.766



92, 12.304, 353.986



57, 49.337, 315.907



48, 8.180, 354.127



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, 35.405, 357.766



69, 52.959, 359.466



60, 30.784, 34.972



38, 4.628, 353.688



34, 60.760, 16.236



3, 14.809, 1.129

Inverse Universe

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



58, 35.405, 357.766



69, 52.959, 359.466



71, 22.655, 214.999



38, 4.628, 353.688



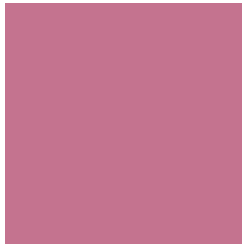
34, 60.760, 16.236



3, 14.809, 1.129

Previews

White Background



This preview shows how the CIELCh color 58, 35.408, 357.764 looks on a white background.

Color Contrast Check

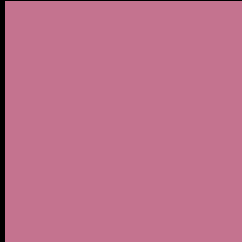
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.408, 357.764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

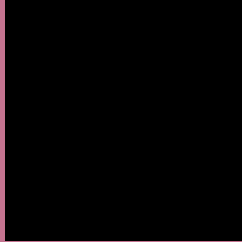
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 35.408, 357.764

Background



This preview shows how black text looks on a background with the CIELCh color 58, 35.408, 357.764.

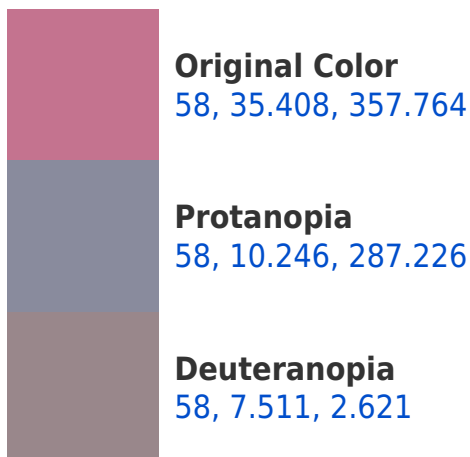


This preview shows how white text looks on a background with the CIELCh color 58, 35.408, 357.764.

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, 31.865, 14.225

Trichromacy



Original Color
58, 35.408, 357.764

Protanomaly
58, 16.551, 332.125

Deuteranomaly
58, 17.724, 358.976

Tritanomaly
58, 32.882, 7.782

Monochromacy



Original Color
58, 35.408, 357.764

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 13.184, 355.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 35.408, 357.764 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(196, 115, 143)` looks like.

```
.text, #text, p{  
    color:rgb(196, 115, 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(196, 115, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 115, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 35.408, 357.764 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(196, 115, 143) }
```

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

```
.border{ border-color:rgb(196, 115, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 115, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 115, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 115, 143);  
box-shadow:4px 4px 4px 4px rgb(196, 115,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 35.408, 357.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 115, 143) }
```

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

```
.background{ background-color: rgb(196,  
115, 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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