

Converting Colors

CIELCh(58, 39.606, 357.402)

Have a look what the booklet for
CIELCh(58, 39.606, 357.402)
contains.

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Color

CIELCh(58, 39.811, 357.224)

Conversions

Conversions Part 1

Format	Color
Hex	CA6F90
RGB	202, 111, 144
RGB Percent	79%, 44%, 56%
CMY	0.2076, 0.5645, 0.4351
CMYK	0.00, 0.45, 0.29, 0.21
HSL	338°, 46%, 61%
HSV	338°, 45%, 79%
XYZ	35.1019, 25.9610, 29.5681
YIQ	141.9710, 43.6430, 29.5550

Conversions

Conversions Part 2

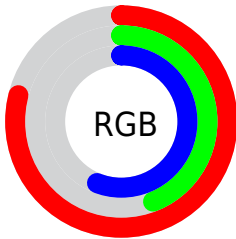
Format	Color
R _Y B	202, 111, 144
Decimal	13266832
CIE Lab	58.00, 39.76, -1.93
CIE LCh	58, 39.811, 357.224
Yxy	25.9610, 0.3873, 0.2864
Android (android.graphics.Color)	4291456912 (0xFFCA6F90)
YUV	141.9710, 1.0003, 52.6454
Hunter-Lab	50.9519, 33.8067, 1.2596

Details

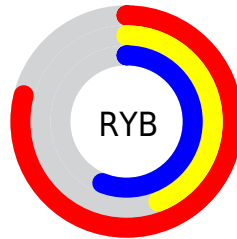
The CIELCh color **58, 39.811, 357.224** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **75, 35.893, 166.996**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 37.671, 355.482**, and **38, 39.587, 356.911** is the 20% darker color. If you saturate the color by 10%, you get **54, 48.299, 359.141**, and if you desaturate by 10%, it is **63, 30.891, 355.651**.

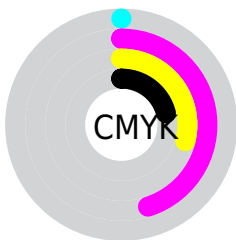
Distribution



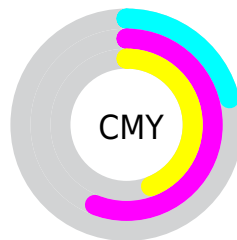
- Red (79%)
- Green (44%)
- Blue (56%)



- Red (79%)
- Yellow (44%)
- Blue (56%)



- Cyan (0%)
- Magenta (45%)
- Yellow (29%)
- Black (21%)





- Cyan (21%)
- Magenta (56%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 39.811, 357.224 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, 39.811, 357.224 by changing the saturation by 10% instead.

 58, 39.811,
357.224

 58, 39.811,
357.224

 100, 39.811,
357.224

 48, 39.811,
357.224


 78, 39.811,
357.224


 38, 39.811,
357.224


 88, 39.811,
357.224

 28, 39.811,
357.224

 98, 39.811,
357.224

 18, 39.811,
357.224

 8, 39.811, 357.224

 0, 39.811, 357.224

58, 39.811,
357.224

58, 39.811,
357.224

54, 48.299,
359.141

63, 30.891,
355.651

50, 55.956, 1.524

68, 21.863,
354.326

47, 62.353, 4.536

73, 12.943,
353.180

45, 67.188, 8.354

43, 70.480, 13.102

79, 4.263, 352.120

43, 71.891, 15.647

84, 4.109, 171.465

90, 12.142,
170.608

95, 19.835,
169.886

96, 18.283,
185.425

■ 97, 17.470,
198.348

Harmonies

Complementary

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



58, 39.811, 357.224



75, 35.893, 166.996

Rectangle

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



58, 39.811, 357.224



58, 39.811, 47.224



58, 39.811, 177.224



58, 39.811, 227.224

Sweetspot

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



58, 39.808, 357.226



91, 14.537, 353.089



56, 55.000, 315.537



47, 10.071, 353.325



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, 39.808, 357.226



67, 57.263, 359.078



60, 35.327, 33.865



40, 4.875, 352.586



35, 61.887, 14.787



4, 18.859, 1.627

Inverse Universe

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



58, 39.808, 357.226



67, 57.263, 359.078



73, 25.117, 213.020



40, 4.875, 352.586



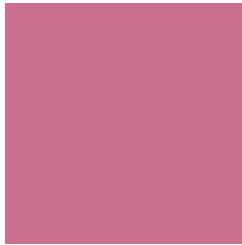
35, 61.887, 14.787



4, 18.859, 1.627

Previews

White Background



This preview shows how the CIELCh color 58, 39.811, 357.224 looks on a white background.

Color Contrast Check

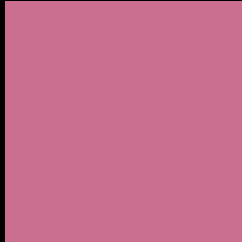
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.811, 357.224 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, 39.811, 357.224

Background



This preview shows how black text looks on a background with the CIELCh color 58, 39.811, 357.224.

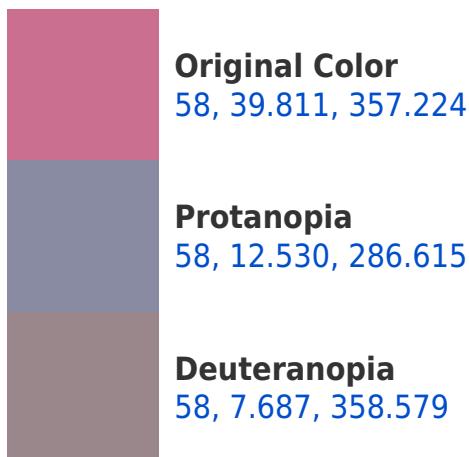


This preview shows how white text looks on a background with the CIELCh color 58, 39.811, 357.224.

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, 35.776, 16.682

Trichromacy



Original Color
58, 39.811, 357.224

Protanomaly
58, 18.984, 330.358

Deuteranomaly
58, 19.812, 356.414

Tritanomaly
58, 36.604, 9.136

Monochromacy



Original Color
58, 39.811, 357.224

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 14.730, 353.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 39.811, 357.224 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(202, 111, 144)` looks like.

```
.text, #text, p{  
    color:rgb(202, 111, 144)  
}
```

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(202, 111, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 111, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 39.811, 357.224 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(202, 111, 144) }
```

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

```
.border{ border-color:rgb(202, 111, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 111, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 111, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 111, 144);  
box-shadow:4px 4px 4px 4px rgb(202, 111,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 39.811, 357.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 111, 144) }
```

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

```
.background{ background-color: rgb(202,  
111, 144) }
```

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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