

Converting Colors

CIELCh(57, 39.666, 357.361)

Have a look what the booklet for
CIELCh(57, 39.666, 357.361)
contains.

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Color

CIELCh(57, 39.382, 357.741)

Conversions

Conversions Part 1

Format	Color
Hex	C76D8D
RGB	199, 109, 141
RGB Percent	78%, 43%, 55%
CMY	0.2205, 0.5733, 0.4478
CMYK	0.00, 0.45, 0.29, 0.22
HSL	339°, 44%, 60%
HSV	339°, 45%, 78%
XYZ	33.7336, 24.9227, 28.1530
YIQ	139.5580, 43.3680, 29.0320

Conversions

Conversions Part 2

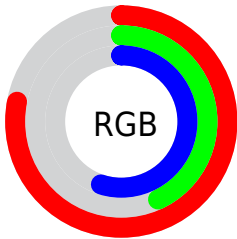
Format	Color
RYB	199, 109, 141
Decimal	13069709
CIELab	57.00, 39.35, -1.55
CIELCh	57, 39.382, 357.741
Yxy	24.9227, 0.3886, 0.2871
Android (android.graphics.Color)	4291259789 (0xFFC76D8D)
YUV	139.5580, 0.7109, 52.1306
Hunter-Lab	49.9226, 33.2510, 1.5102

Details

The CIELCh color **57, 39.382, 357.741** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **74, 35.377, 167.422**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 38.758, 356.461**, and **37, 39.481, 357.906** is the 20% darker color. If you saturate the color by 10%, you get **53, 47.751, 359.682**, and if you desaturate by 10%, it is **62, 30.592, 356.151**.

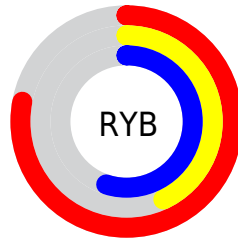
Distribution



Red (78%)

Green (43%)

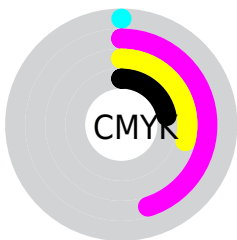
Blue (55%)



Red (78%)

Yellow (43%)

Blue (55%)

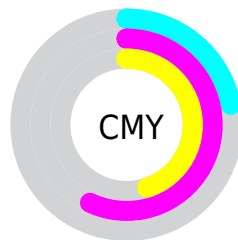


Cyan (0%)

Magenta (45%)

Yellow (29%)

Black (22%)



Cyan (22%)


Magenta (57%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 39.382, 357.741 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 57, 39.382, 357.741 by changing the saturation by 10% instead.


 57, 39.382,
357.741


 57, 39.382,
357.741


 100, 39.382,
357.741


 47, 39.382,
357.741


 77, 39.382,
357.741

 37, 39.382,
357.741

 87, 39.382,
357.741

 27, 39.382,
357.741

 97, 39.382,
357.741

 17, 39.382,
357.741

 7, 39.382, 357.741

 0, 39.382, 357.741

57, 39.382,
357.741

57, 39.382,
357.741

53, 47.751,
359.682

62, 30.592,
356.151

49, 55.309, 2.098

67, 21.702,
354.813

46, 61.638, 5.151

72, 12.921,
353.659

44, 66.447, 9.018

43, 69.765, 13.817

77, 4.380, 352.597

42, 71.159, 16.248

83, 3.853, 171.941

88, 11.751,
171.076

94, 19.311,
170.351

96, 19.952,
180.566

■ 96, 18.474,
198.284

Harmonies

Complementary

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



57, 39.382, 357.741



74, 35.377, 167.422

Rectangle

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



57, 39.382, 357.741



57, 39.382, 47.741



57, 39.382, 177.741



57, 39.382, 227.741

Sweetspot

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



57, 39.379, 357.743



91, 14.482, 353.545



55, 54.546, 315.544



47, 10.034, 353.783



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 39.379, 357.743



67, 57.147, 359.582



59, 35.061, 33.881



39, 4.755, 353.037



34, 61.294, 15.374



4, 16.782, 1.342

Inverse Universe

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



57, 39.379, 357.743



67, 57.147, 359.582



71, 24.887, 213.031



39, 4.755, 353.037



34, 61.294, 15.374



4, 16.782, 1.342

Previews

White Background



This preview shows how the CIELCh color 57, 39.382, 357.741 looks on a white background.

Color Contrast Check

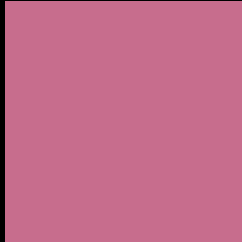
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 39.382, 357.741 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 57, 39.382, 357.741

Background



This preview shows how black text looks on a background with the CIELCh color 57, 39.382, 357.741.

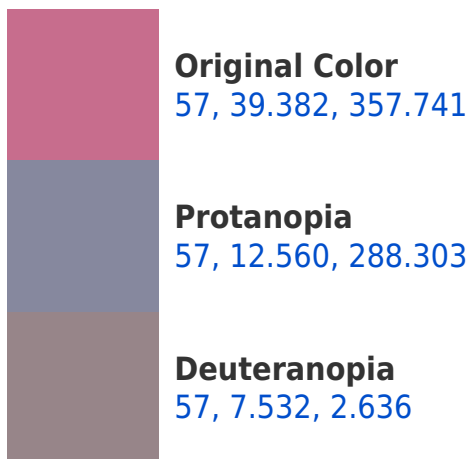


This preview shows how white text looks on a background with the CIELCh color 57, 39.382, 357.741.

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
57, 35.886, 15.904

Trichromacy



Original Color
57, 39.382, 357.741

Protanomaly
57, 19.290, 331.323

Deuteranomaly
57, 19.303, 357.435

Tritanomaly
57, 36.736, 9.254

Monochromacy



Original Color
57, 39.382, 357.741

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 14.787, 353.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 39.382, 357.741 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, 109, 141)` looks like.

```
.text, #text, p{  
    color:rgb(199, 109, 141)  
}
```

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, 109, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 109, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 39.382, 357.741 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, 109, 141) }
```

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

```
.border{ border-color:rgb(199, 109, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 109, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 109, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 109, 141);  
box-shadow:4px 4px 4px 4px rgb(199, 109,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 39.382, 357.741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 109, 141) }
```

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

```
.background{ background-color: rgb(199,  
109, 141) }
```

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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