

Converting Colors

CIELCh(57, 45.171, 347.413)

Have a look what the booklet for
CIELCh(57, 45.171, 347.413)
contains.

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Color

CIELCh(57, 45.150, 347.413)

Conversions

Conversions Part 1

Format	Color
Hex	C9699B
RGB	201, 105, 155
RGB Percent	79%, 41%, 61%
CMY	0.2114, 0.5879, 0.3918
CMYK	0.00, 0.48, 0.23, 0.21
HSL	329°, 47%, 60%
HSV	329°, 48%, 79%
XYZ	35.0990, 24.9227, 34.0112
YIQ	139.4040, 41.1660, 35.9020

Conversions

Conversions Part 2

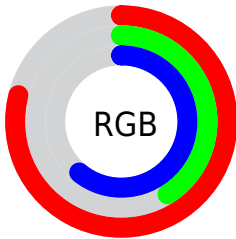
Format	Color
R_{YB}	201, 105, 155
Decimal	13199771
CIE _{Lab}	57.00, 44.06, -9.84
CIE _{LCh}	57, 45.150, 347.413
Yxy	24.9227, 0.3733, 0.2650
Android (android.graphics.Color)	4291389851 (0xFFC9699B)
YUV	139.4040, 7.6888, 54.0197
Hunter-Lab	49.9226, 38.1333, -5.4471

Details

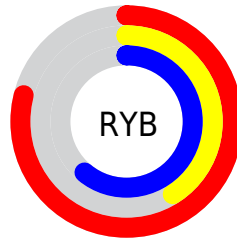
The CIELCh color **57, 45.150, 347.413** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **74, 43.100, 157.660**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 43.519, 346.182**, and **37, 45.273, 347.516** is the 20% darker color. If you saturate the color by 10%, you get **53, 53.539, 348.924**, and if you desaturate by 10%, it is **62, 35.981, 346.134**.

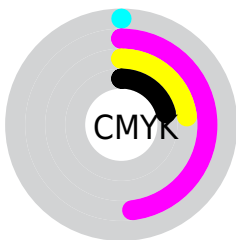
Distribution



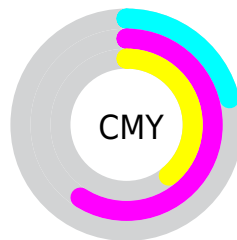
- Red (79%)
- Green (41%)
- Blue (61%)



- Red (79%)
- Yellow (41%)
- Blue (61%)



- Cyan (0%)
- Magenta (48%)
- Yellow (23%)
- Black (21%)





- Cyan (21%)
- Magenta (59%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 45.150, 347.413 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, 45.150, 347.413 by changing the saturation by 10% instead.


 57, 45.150,
347.413


 57, 45.150,
347.413


 100, 45.150,
347.413


 47, 45.150,
347.413


 77, 45.150,
347.413

 37, 45.150,
347.413

 87, 45.150,
347.413

 27, 45.150,
347.413

 97, 45.150,
347.413

 17, 45.150,
347.413

 7, 45.150, 347.413

 0, 45.150, 347.413

57, 45.150,
347.413

57, 45.150,
347.413

53, 53.539,
348.924

62, 35.981,
346.134

49, 60.679,
350.752

66, 26.434,
345.022

47, 66.090,
353.020

72, 16.794,
344.033

45, 69.448,
355.880

77, 7.250, 343.121

44, 70.862,
359.448


82, 2.080, 162.569

43, 71.107, 0.299

88, 11.135,
161.681

93, 19.886,
160.991

96, 22.077,
166.045

 96, 19.557,
177.942

Harmonies

Complementary

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



57, 45.150, 347.413



74, 43.100, 157.660

Rectangle

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



57, 45.150, 347.413



57, 45.150, 37.413



57, 45.150, 167.413



57, 45.150, 217.413

Sweetspot

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



57, 45.147, 347.414



91, 16.017, 343.705



53, 57.100, 310.447



47, 11.081, 343.906



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, 45.147, 347.414



66, 64.079, 348.933



56, 41.367, 22.236



39, 5.275, 343.269



35, 60.994, 359.626



4, 18.068, 351.712

Inverse Universe

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



57, 45.147, 347.414



66, 64.079, 348.933



75, 29.948, 193.866



39, 5.275, 343.269



35, 60.994, 359.626



4, 18.068, 351.712

Previews

White Background



This preview shows how the CIELCh color 57, 45.150, 347.413 looks on a white background.

Color Contrast Check

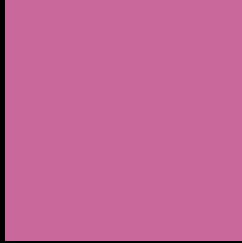
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 45.150, 347.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

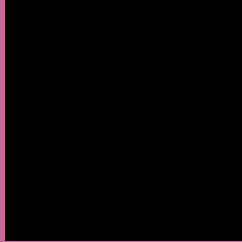
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 45.150, 347.413

Background



This preview shows how black text looks on a background with the CIELCh color 57, 45.150, 347.413.

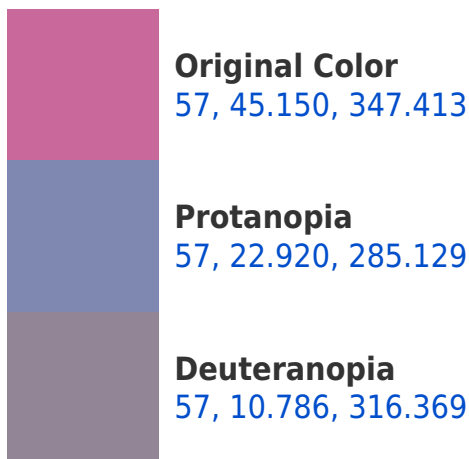


This preview shows how white text looks on a background with the CIELCh color 57, 45.150, 347.413.

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, 36.346, 16.935

Trichromacy



Original Color
57, 45.150, 347.413

Protanomaly
56, 26.867, 315.991

Deuteranomaly
57, 23.091, 336.469

Tritanomaly
57, 38.404, 4.158

Monochromacy



Original Color
57, 45.150, 347.413

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 17.130, 344.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 45.150, 347.413 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(201, 105, 155)` looks like.

```
.text, #text, p{  
    color:rgb(201, 105, 155)  
}
```

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(201, 105, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 105, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 45.150, 347.413 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(201, 105, 155) }
```

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

```
.border{ border-color:rgb(201, 105, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 105, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 105, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 105, 155);  
box-shadow:4px 4px 4px 4px rgb(201, 105,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 45.150, 347.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 105, 155) }
```

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

```
.background{ background-color: rgb(201,  
105, 155) }
```

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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