

Converting Colors

CIELCh(58, 46.716, 347.577)

Have a look what the booklet for
CIELCh(58, 46.716, 347.577)
contains.

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Color

CIELCh(58, 46.739, 347.582)

Conversions

Conversions Part 1

Format	Color
Hex	CE6A9E
RGB	206, 106, 158
RGB Percent	81%, 42%, 62%
CMY	0.1915, 0.5837, 0.3798
CMYK	0.00, 0.49, 0.23, 0.19
HSL	329°, 51%, 61%
HSV	329°, 49%, 81%
XYZ	36.8568, 25.9610, 35.4876
YIQ	141.8280, 42.9080, 37.3720

Conversions

Conversions Part 2

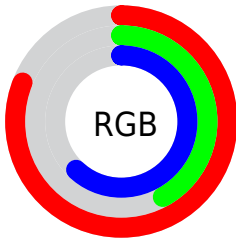
Format	Color
RYB	206, 106, 158
Decimal	13527710
CIELab	58.00, 45.65, -10.05
CIELCh	58, 46.739, 347.582
Yxy	25.9610, 0.3749, 0.2641
Android (android.graphics.Color)	4291717790 (0xFFCE6A9E)
YUV	141.8280, 7.9728, 56.2788
Hunter-Lab	50.9519, 39.9547, -5.6286

Details

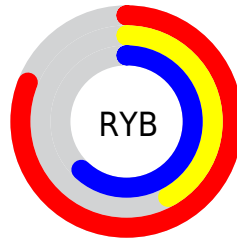
The CIELCh color **58, 46.739, 347.582** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **76, 44.591, 157.587**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 44.039, 344.073**, and **38, 46.531, 347.370** is the 20% darker color. If you saturate the color by 10%, you get **54, 55.208, 349.121**, and if you desaturate by 10%, it is **63, 37.435, 346.282**.

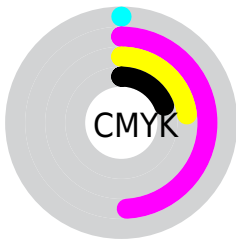
Distribution



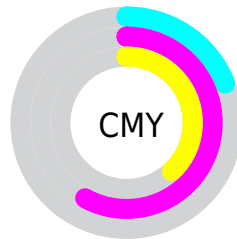
- Red (81%)
- Green (42%)
- Blue (62%)



- Red (81%)
- Yellow (42%)
- Blue (62%)



- Cyan (0%)
- Magenta (49%)
- Yellow (23%)
- Black (19%)




- Cyan (19%)
- Magenta (58%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 46.739, 347.582 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, 46.739, 347.582 by changing the saturation by 10% instead.


 58, 46.739,
347.582

 58, 46.739,
347.582


 100, 46.739,
347.582

 48, 46.739,
347.582


 78, 46.739,
347.582

 38, 46.739,
347.582

 88, 46.739,
347.582

 28, 46.739,
347.582

 98, 46.739,
347.582

 18, 46.739,
347.582

 8, 46.739, 347.582

 0, 46.739, 347.582

58, 46.739,
347.582

58, 46.739,
347.582

54, 55.208,
349.121

63, 37.435,
346.282

50, 62.359,
350.990

68, 27.716,
345.155

48, 67.705,
353.313

73, 17.882,
344.154

46, 70.940,
356.246

78, 8.136, 343.237

45, 72.259,
359.885

84, 1.399, 162.772

45, 72.420, 0.453

89, 10.656,
161.780

95, 19.603,
161.083

96, 19.166,
170.034

■ 97, 16.996,
184.796

Harmonies

Complementary

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



58, 46.739, 347.582



76, 44.591, 157.587

Rectangle

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



58, 46.739, 347.582



58, 46.739, 37.582



58, 46.739, 167.582



58, 46.739, 217.582

Sweetspot

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



58, 46.736, 347.583



90, 17.169, 343.843



54, 59.235, 310.496



47, 11.737, 344.042



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, 46.736, 347.583



66, 64.994, 349.156



57, 42.987, 22.409



40, 5.383, 343.317



36, 61.674, 359.760



4, 20.126, 352.280

Inverse Universe

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



58, 46.736, 347.583



66, 64.994, 349.156



77, 30.920, 193.822



40, 5.383, 343.317



36, 61.674, 359.760



4, 20.126, 352.280

Previews

White Background



This preview shows how the CIELCh color 58, 46.739, 347.582 looks on a white background.

Color Contrast Check

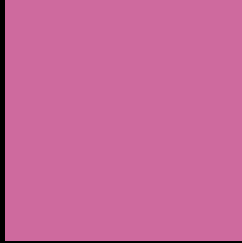
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.739, 347.582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

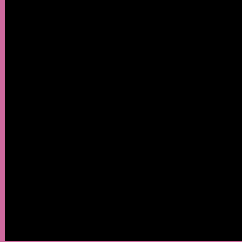
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 46.739, 347.582

Background



This preview shows how black text looks on a background with the CIELCh color 58, 46.739, 347.582.

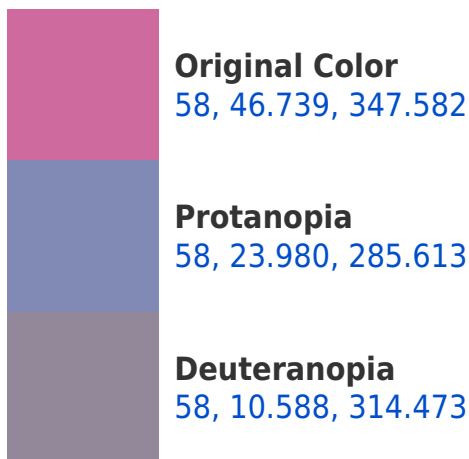


This preview shows how white text looks on a background with the CIELCh color 58, 46.739, 347.582.

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, 37.913, 16.594

Trichromacy



Original Color
58, 46.739, 347.582

Protanomaly
57, 28.639, 316.027

Deuteranomaly
58, 23.943, 336.894

Tritanomaly
58, 39.444, 4.881

Monochromacy



Original Color
58, 46.739, 347.582

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 17.715, 344.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 46.739, 347.582 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(206, 106, 158)` looks like.

```
.text, #text, p{  
    color:rgb(206, 106, 158)  
}
```

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(206, 106, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 106, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 46.739, 347.582 is called "border". The border property can be set on classes, ids or directly on the HTML element.

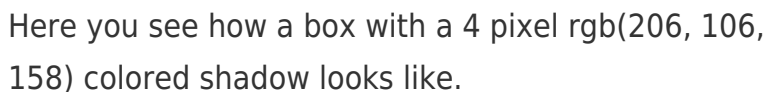
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 106, 158) }
```

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

```
.border{ border-color:rgb(206, 106, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 106, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 106, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 106, 158); box-shadow:4px 4px 4px 4px rgb(206, 106, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 46.739, 347.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 106, 158) }
```

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

```
.background{ background-color: rgb(206,  
106, 158) }
```

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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