

Converting Colors

CIELCh(58, 42.672, 345.073)

Have a look what the booklet for
CIELCh(58, 42.672, 345.073)
contains.

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Color

CIELCh(58, 42.507, 344.877)

Conversions

Conversions Part 1

Format	Color
Hex	C76FA0
RGB	199, 111, 160
RGB Percent	78%, 44%, 63%
CMY	0.2205, 0.5655, 0.3734
CMYK	0.00, 0.44, 0.20, 0.22
HSL	327°, 44%, 61%
HSV	327°, 44%, 78%
XYZ	35.4762, 25.9610, 36.2972
YIQ	142.8980, 36.7190, 33.8950

Conversions

Conversions Part 2

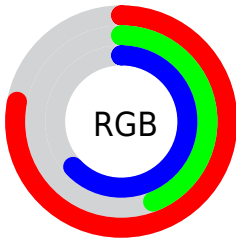
Format	Color
R_{YB}	199, 111, 160
Decimal	13070240
CIE _{Lab}	58.00, 41.03, -11.09
CIE _{LCh}	58, 42.507, 344.877
Yxy	25.9610, 0.3630, 0.2656
Android (android.graphics.Color)	4291260320 (0xFFC76FA0)
YUV	142.8980, 8.4313, 49.2015
Hunter-Lab	50.9519, 35.1181, -6.5708

Details

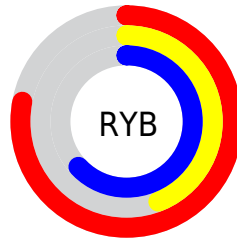
The CIELCh color **58, 42.507, 344.877** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **74, 41.021, 156.371**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 41.692, 343.981**, and **38, 42.463, 344.579** is the 20% darker color. If you saturate the color by 10%, you get **54, 51.248, 346.190**, and if you desaturate by 10%, it is **63, 33.101, 343.742**.

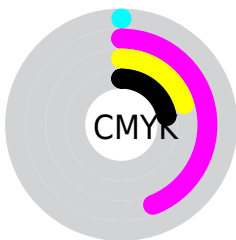
Distribution



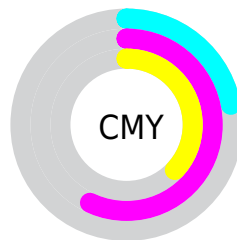
- Red (78%)
- Green (44%)
- Blue (63%)



- Red (78%)
- Yellow (44%)
- Blue (63%)



- Cyan (0%)
- Magenta (44%)
- Yellow (20%)
- Black (22%)



- Cyan (22%)
- Magenta (57%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 42.507, 344.877 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, 42.507, 344.877 by changing the saturation by 10% instead.

 58, 42.507,
344.877

 58, 42.507,
344.877

 100, 42.507,
344.877

 48, 42.507,
344.877


 78, 42.507,
344.877

 38, 42.507,
344.877

 88, 42.507,
344.877

 28, 42.507,
344.877

 98, 42.507,
344.877

 18, 42.507,
344.877

 8, 42.507, 344.877

 0, 42.507, 344.877

58, 42.507,
344.877

58, 42.507,
344.877

54, 51.248,
346.190

63, 33.101,
343.742

50, 58.876,
347.747

67, 23.399,
342.737

47, 64.892,
349.645

73, 13.657,
341.826

45, 68.889,
352.008

78, 4.040, 340.942

44, 70.733,
354.979

83, 5.350, 160.360

43, 71.190,
356.910

89, 14.462,
159.623

94, 23.273,
158.973

96, 23.315,
164.954

■ 96, 20.879,
174.986

Harmonies

Complementary

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



58, 42.507, 344.877



74, 41.021, 156.371

Rectangle

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



58, 42.507, 344.877



58, 42.507, 34.877



58, 42.507, 164.877



58, 42.507, 214.877

Sweetspot

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



58, 42.504, 344.878



92, 15.224, 341.733



54, 52.154, 309.196



48, 10.675, 341.929



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, 42.504, 344.878



68, 61.344, 346.123



57, 37.372, 19.078



39, 5.407, 341.403



35, 61.630, 356.340



4, 18.472, 349.478

Inverse Universe

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



58, 42.504, 344.878



68, 61.344, 346.123



75, 28.383, 190.820



39, 5.407, 341.403



35, 61.630, 356.340



4, 18.472, 349.478

Previews

White Background



This preview shows how the CIELCh color 58, 42.507, 344.877 looks on a white background.

Color Contrast Check

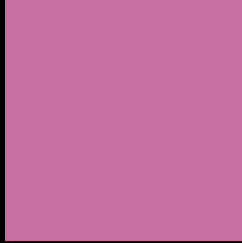
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 42.507, 344.877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

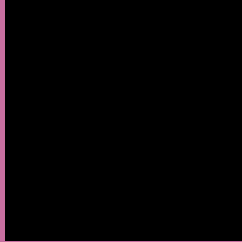
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 42.507, 344.877

Background



This preview shows how black text looks on a background with the CIELCh color 58, 42.507, 344.877.

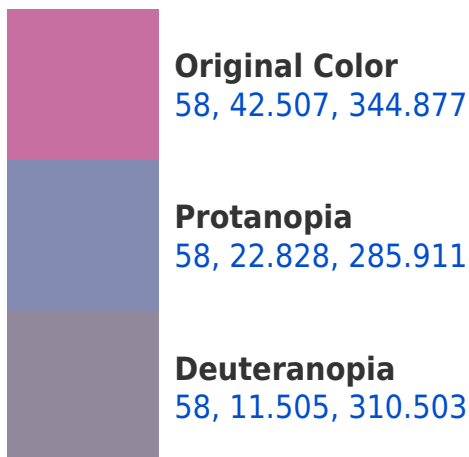


This preview shows how white text looks on a background with the CIELCh color 58, 42.507, 344.877.

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, 32.739, 14.603

Trichromacy



Original Color
58, 42.507, 344.877



Protanomaly
57, 26.509, 314.473



Deuteranomaly
58, 22.374, 332.342



Tritanomaly
58, 34.716, 2.167

Monochromacy



Original Color
58, 42.507, 344.877



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 16.122, 341.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 42.507, 344.877 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, 111, 160)` looks like.

```
.text, #text, p{  
    color:rgb(199, 111, 160)  
}
```

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, 111, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 111, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 42.507, 344.877 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, 111, 160) }
```

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

```
.border{ border-color:rgb(199, 111, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 111, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 111, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 111, 160);  
box-shadow:4px 4px 4px 4px rgb(199, 111,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 42.507, 344.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 111, 160) }
```

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

```
.background{ background-color: rgb(199,  
111, 160) }
```

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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