

Converting Colors

CIELCh(58, 43.246, 351.687)

Have a look what the booklet for
CIELCh(58, 43.246, 351.687)
contains.

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Color

CIELCh(58, 43.073, 351.458)

Conversions

Conversions Part 1

Format	Color
Hex	CC6D98
RGB	204, 109, 152
RGB Percent	80%, 43%, 60%
CMY	0.2009, 0.5733, 0.4047
CMYK	0.00, 0.47, 0.26, 0.20
HSL	333°, 48%, 61%
HSV	333°, 47%, 80%
XYZ	35.9395, 25.9610, 32.7363
YIQ	142.3070, 42.8170, 33.5130

Conversions

Conversions Part 2

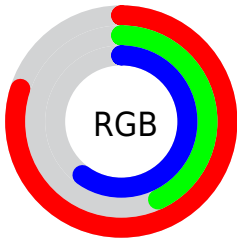
Format	Color
R_{YB}	204, 109, 152
Decimal	13397400
CIE _{Lab}	58.00, 42.60, -6.40
CIE _{LCh}	58, 43.073, 351.458
Yxy	25.9610, 0.3798, 0.2743
Android (android.graphics.Color)	4291587480 (0xFFCC6D98)
YUV	142.3070, 4.7786, 54.1048
Hunter-Lab	50.9519, 36.7411, -2.4271

Details

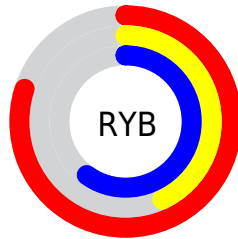
The CIELCh color **58, 43.073, 351.458** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **75, 40.223, 161.391**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 40.477, 349.132**, and **38, 43.062, 351.335** is the 20% darker color. If you saturate the color by 10%, you get **54, 51.534, 353.162**, and if you desaturate by 10%, it is **63, 33.966, 350.038**.

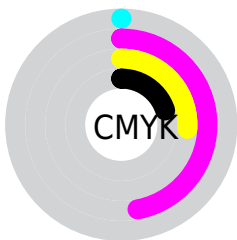
Distribution



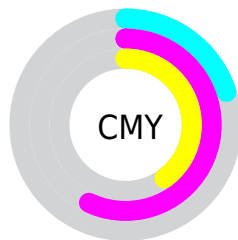
- Red (80%)
- Green (43%)
- Blue (60%)



- Red (80%)
- Yellow (43%)
- Blue (60%)



- Cyan (0%)
- Magenta (47%)
- Yellow (26%)
- Black (20%)



- Cyan (20%)
- Magenta (57%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 43.073, 351.458 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, 43.073, 351.458 by changing the saturation by 10% instead.


 58, 43.073,
351.458

 58, 43.073,
351.458

 100, 43.073,
351.458

 48, 43.073,
351.458


 78, 43.073,
351.458

 38, 43.073,
351.458

 88, 43.073,
351.458

 28, 43.073,
351.458

 98, 43.073,
351.458

 18, 43.073,
351.458

 8, 43.073, 351.458

 0, 43.073, 351.458

58, 43.073,
351.458

58, 43.073,
351.458

54, 51.534,
353.162

63, 33.966,
350.038

50, 58.901,
355.255

68, 24.589,
348.822

47, 64.707,
357.880

73, 15.201,
347.755

45, 68.630, 1.210

78, 5.970, 346.776

44, 70.723, 5.385

84, 3.008, 166.150

44, 71.299, 6.899

89, 11.681,
165.282

95, 20.035,
164.571

96, 18.940,
175.965

■ 97, 17.129,
193.492

Harmonies

Complementary

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



58, 43.073, 351.458



75, 40.223, 161.391

Rectangle

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



58, 43.073, 351.458



58, 43.073, 41.458



58, 43.073, 171.458



58, 43.073, 221.458

Sweetspot

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



58, 43.070, 351.459



91, 15.328, 347.513



55, 56.662, 312.465



47, 10.610, 347.731



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, 43.070, 351.459



67, 61.140, 353.186



58, 39.993, 26.612



40, 5.149, 347.048



35, 61.154, 6.121



4, 19.486, 356.434

Inverse Universe

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



58, 43.070, 351.459



67, 61.140, 353.186



76, 28.340, 200.844



40, 5.149, 347.048



35, 61.154, 6.121



4, 19.486, 356.434

Previews

White Background



This preview shows how the CIELCh color 58, 43.073, 351.458 looks on a white background.

Color Contrast Check

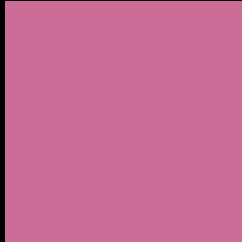
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.073, 351.458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

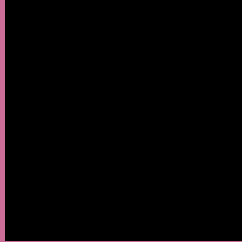
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 43.073, 351.458

Background



This preview shows how black text looks on a background with the CIELCh color 58, 43.073, 351.458.

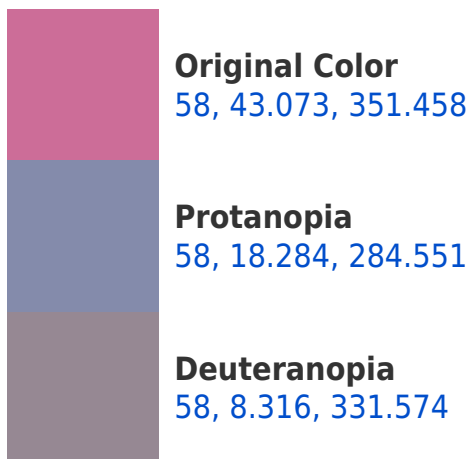


This preview shows how white text looks on a background with the CIELCh color 58, 43.073, 351.458.

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, 36.617, 16.125

Trichromacy



Original Color
58, 43.073, 351.458

Protanomaly
57, 23.419, 320.774

Deuteranomaly
58, 21.517, 344.692

Tritanomaly
58, 38.054, 6.523

Monochromacy



Original Color
58, 43.073, 351.458

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 16.142, 347.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 43.073, 351.458 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(204, 109, 152)` looks like.

```
.text, #text, p{  
    color:rgb(204, 109, 152)  
}
```

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(204, 109, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 109, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 43.073, 351.458 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(204, 109, 152) }
```

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

```
.border{ border-color:rgb(204, 109, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 109, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 109, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 109, 152);  
box-shadow:4px 4px 4px 4px rgb(204, 109,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 43.073, 351.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 109, 152) }
```

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

```
.background{ background-color: rgb(204,  
109, 152) }
```

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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