

Converting Colors

CIELCh(58, 38.286, 348.672)

Have a look what the booklet for
CIELCh(58, 38.286, 348.672)
contains.

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Color

CIELCh(58, 38.274, 348.575)

Conversions

Conversions Part 1

Format	Color
Hex	C4729A
RGB	196, 114, 154
RGB Percent	77%, 45%, 60%
CMY	0.2329, 0.5543, 0.3975
CMYK	0.00, 0.42, 0.21, 0.23
HSL	331°, 41%, 61%
HSV	331°, 42%, 77%
XYZ	34.4459, 25.9610, 33.6116
YIQ	143.0780, 36.0320, 29.8240

Conversions

Conversions Part 2

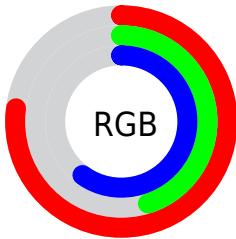
Format	Color
R_{YB}	196, 114, 154
Decimal	12874394
CIE Lab	58.00, 37.52, -7.58
CIE LCh	58, 38.274, 348.575
Yxy	25.9610, 0.3664, 0.2761
Android (android.graphics.Color)	4291064474 (0xFFC4729A)
YUV	143.0780, 5.3845, 46.4126
Hunter-Lab	50.9519, 31.5087, -3.4456

Details

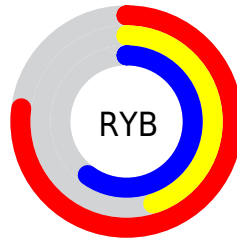
The CIELCh color **58, 38.274, 348.575** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **73, 36.326, 160.117**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 38.384, 348.665**, and **38, 38.314, 348.326** is the 20% darker color. If you saturate the color by 10%, you get **54, 46.886, 350.030**, and if you desaturate by 10%, it is **63, 29.179, 347.337**.

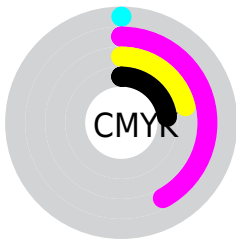
Distribution



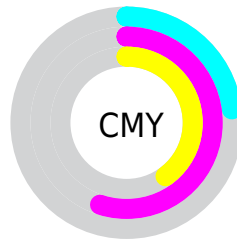
- Red (77%)
- Green (45%)
- Blue (60%)



- Red (77%)
- Yellow (45%)
- Blue (60%)



- Cyan (0%)
- Magenta (42%)
- Yellow (21%)
- Black (23%)





- Cyan (23%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 38.274, 348.575 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, 38.274, 348.575 by changing the saturation by 10% instead.


 58, 38.274,
348.575


 58, 38.274,
348.575


 100, 38.274,
348.575


 48, 38.274,
348.575


 78, 38.274,
348.575

 38, 38.274,
348.575

 88, 38.274,
348.575

 28, 38.274,
348.575

 98, 38.274,
348.575

 18, 38.274,
348.575

 8, 38.274, 348.575

 0, 38.274, 348.575

58, 38.274,
348.575

58, 38.274,
348.575

54, 46.886,
350.030

63, 29.179,
347.337

50, 54.609,
351.778

68, 19.922,
346.254

47, 60.971,
353.934

73, 10.715,
345.282

44, 65.557,
356.645

78, 1.693, 344.224

43, 68.184, 0.076


83, 7.070, 163.741

42, 69.286, 3.346

89, 15.538,
162.998

94, 23.701,
162.334

96, 23.143,
169.870

 96, 20.793,
182.015

Harmonies

Complementary

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



58, 38.274, 348.575



73, 36.326, 160.117

Rectangle

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



58, 38.274, 348.575



58, 38.274, 38.575



58, 38.274, 168.575



58, 38.274, 218.575

Sweetspot

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



58, 38.271, 348.576



92, 14.539, 345.405



55, 48.966, 311.164



47, 10.199, 345.617



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, 38.271, 348.576



70, 56.117, 349.856



57, 35.203, 23.584



38, 5.050, 345.046



34, 59.930, 2.640



3, 15.727, 353.058

Inverse Universe

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



58, 38.271, 348.576



70, 56.117, 349.856



74, 26.157, 197.453



38, 5.050, 345.046



34, 59.930, 2.640



3, 15.727, 353.058

Previews

White Background



This preview shows how the CIELCh color 58, 38.274, 348.575 looks on a white background.

Color Contrast Check

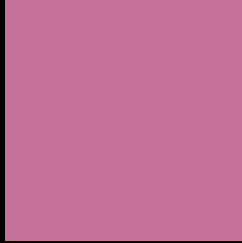
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.274, 348.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

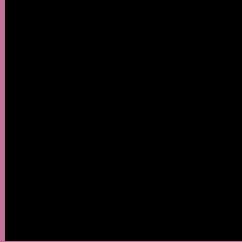
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 38.274, 348.575

Background



This preview shows how black text looks on a background with the CIELCh color 58, 38.274, 348.575.



This preview shows how white text looks on a background with the CIELCh color 58, 38.274, 348.575.

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, 31.004, 14.867

Trichromacy



Original Color
58, 38.274, 348.575

Protanomaly
58, 21.717, 318.623

Deuteranomaly
58, 19.674, 340.155

Tritanomaly
58, 32.813, 3.653

Monochromacy



Original Color
58, 38.274, 348.575

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 14.511, 345.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 38.274, 348.575 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(196, 114, 154)` looks like.

```
.text, #text, p{  
    color:rgb(196, 114, 154)  
}
```

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(196, 114, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 114, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 38.274, 348.575 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(196, 114, 154) }
```

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

```
.border{ border-color:rgb(196, 114, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 114, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 114, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 114, 154);  
box-shadow:4px 4px 4px 4px rgb(196, 114,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 38.274, 348.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 114, 154) }
```

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

```
.background{ background-color: rgb(196,  
114, 154) }
```

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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