

Converting Colors

CIELCh(59, 34.800, 343.387)

Have a look what the booklet for
CIELCh(59, 34.800, 343.387)
contains.

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Color

CIELCh(59, 34.880, 343.696)

Conversions

Conversions Part 1

Format	Color
Hex	BF78A0
RGB	191, 120, 160
RGB Percent	75%, 47%, 63%
CMY	0.2512, 0.5296, 0.3727
CMYK	0.00, 0.37, 0.16, 0.25
HSL	326°, 36%, 61%
HSV	326°, 37%, 75%
XYZ	34.5249, 27.0277, 36.6331
YIQ	145.7890, 29.4760, 27.4920

Conversions

Conversions Part 2

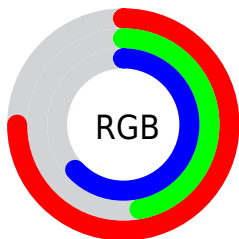
Format	Color
RYB	191, 120, 160
Decimal	12548256
CIELab	59.00, 33.48, -9.79
CIElCh	59, 34.880, 343.696
Yxy	27.0277, 0.3516, 0.2753
Android (android.graphics.Color)	4290738336 (0xFFBF78A0)
YUV	145.7890, 7.0060, 39.6500
Hunter-Lab	51.9882, 27.5607, -5.3865

Details

The CIELCh color **59, 34.880, 343.696** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **72, 33.818, 156.941**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 35.043, 343.201**, and **39, 34.770, 343.350** is the 20% darker color. If you saturate the color by 10%, you get **55, 43.867, 344.859**, and if you desaturate by 10%, it is **64, 25.507, 342.672**.

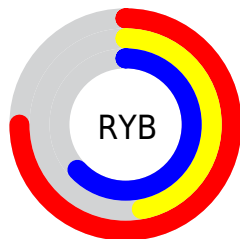
Distribution



Red (75%)

Green (47%)

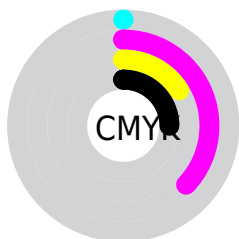
Blue (63%)



Red (75%)

Yellow (47%)

Blue (63%)

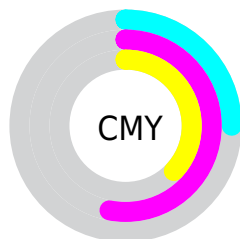


Cyan (0%)

Magenta (37%)

Yellow (16%)

Black (25%)



Cyan (25%)

Magenta (53%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 34.880, 343.696 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 59, 34.880, 343.696 by changing the saturation by 10% instead.

 59, 34.880,
343.696

 59, 34.880,
343.696


 100, 34.880,
343.696

 49, 34.880,
343.696

 79, 34.880,
343.696

 39, 34.880,
343.696

 89, 34.880,
343.696

 29, 34.880,
343.696

 99, 34.880,
343.696

 19, 34.880,
343.696

 9, 34.880, 343.696

 0, 34.880, 343.696

59, 34.880,
343.696

59, 34.880,
343.696

55, 43.867,
344.859

64, 25.507,
342.672

51, 52.097,
346.207

69, 16.032,
341.749

47, 59.109,
347.814

74, 6.636, 340.886

45, 64.432,
349.781

79, 2.565, 160.326

43, 67.726,
352.236

84, 11.510,
159.512

42, 69.023,
355.296

89, 20.170,
158.848

41, 69.270,
356.214

95, 28.537,
158.238

95, 26.539,
164.496

■ 95, 24.132,
172.651

Harmonies

Complementary

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



59, 34.880, 343.696



72, 33.818, 156.941

Rectangle

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



59, 34.880, 343.696



59, 34.880, 33.696



59, 34.880, 163.696



59, 34.880, 213.696

Sweetspot

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



59, 34.877, 343.697



90, 12.599, 341.229



56, 42.084, 308.742



48, 8.546, 341.347



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59, 34.877, 343.697



71, 51.728, 344.678



58, 29.799, 17.828



37, 5.200, 341.073



34, 60.367, 355.663



3, 14.497, 347.854

Inverse Universe

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



59, 34.877, 343.697



71, 51.728, 344.678



73, 23.785, 191.317



37, 5.200, 341.073



34, 60.367, 355.663



3, 14.497, 347.854

Previews

White Background



This preview shows how the CIELCh color 59, 34.880, 343.696 looks on a white background.

Color Contrast Check

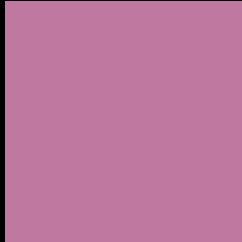
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 34.880, 343.696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

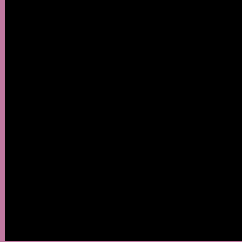
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 34.880, 343.696

Background



This preview shows how black text looks on a background with the CIELCh color 59, 34.880, 343.696.



This preview shows how white text looks on a background with the CIELCh color 59, 34.880, 343.696.

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



Original Color

59, 34.880, 343.696

Protanopia

59, 18.763, 285.873

Deuteranopia

59, 11.748, 314.012



Tritanopia
59, 26.228, 11.424

Trichromacy



Original Color
59, 34.880, 343.696

Protanomaly
59, 22.081, 313.752

Deuteranomaly
59, 20.075, 332.011

Tritanomaly
59, 28.481, 359.741

Monochromacy



Original Color
59, 34.880, 343.696

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 12.547, 341.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 34.880, 343.696 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(191, 120, 160)` looks like.

```
.text, #text, p{  
    color:rgb(191, 120, 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(191, 120, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 120, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 34.880, 343.696 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(191, 120, 160) }
```

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

```
.border{ border-color:rgb(191, 120, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 120, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 120, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 120, 160);  
box-shadow:4px 4px 4px 4px rgb(191, 120,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 34.880, 343.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 120, 160) }
```

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

```
.background{ background-color: rgb(191,  
120, 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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