

Converting Colors

CIELCh(58, 38.065, 344.865)

Have a look what the booklet for
CIELCh(58, 38.065, 344.865)
contains.

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Color

CIELCh(58, 37.896, 344.723)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C1739E |
| RGB | 193, 115, 158 |
| RGB Percent | 76%, 45%, 62% |
| CMY | 0.2443, 0.5500, 0.3814 |
| CMYK | 0.00, 0.40, 0.18, 0.24 |
| HSL | 327°, 38%, 60% |
| HSV | 327°, 40%, 76% |
| XYZ | 34.1688, 25.9610, 35.4367 |
| YIQ | 143.2240, 32.6850, 29.9090 |

Conversions

Conversions Part 2

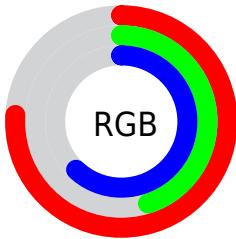
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 193, 115, 158 |
| Decimal | 12678046 |
| CIE Lab | 58.00, 36.56, -9.99 |
| CIE LCh | 58, 37.896, 344.723 |
| Yxy | 25.9610, 0.3575, 0.2717 |
| Android (android.graphics.Color) | 4290868126 (0xFFC1739E) |
| YUV | 143.2240, 7.2846, 43.6536 |
| Hunter-Lab | 50.9519, 30.5377, -5.5694 |

Details

The CIELCh color **58, 37.896, 344.723** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **72, 36.586, 157.119**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 38.264, 344.460**, and **38, 38.311, 344.509** is the 20% darker color. If you saturate the color by 10%, you get **54, 46.699, 345.973**, and if you desaturate by 10%, it is **63, 28.601, 343.635**.

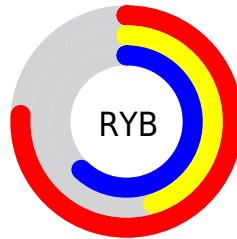
Distribution



Red (76%)

Green (45%)

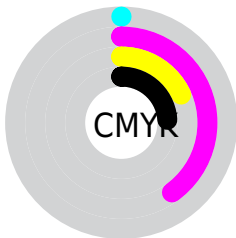
Blue (62%)



Red (76%)

Yellow (45%)

Blue (62%)

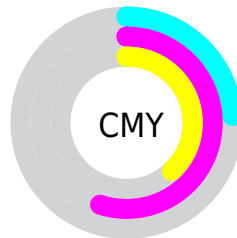


Cyan (0%)

Magenta (40%)

Yellow (18%)

Black (24%)



Cyan (24%)


Magenta (55%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 37.896, 344.723 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, 37.896, 344.723 by changing the saturation by 10% instead.


 58, 37.896,
344.723


 58, 37.896,
344.723


 100, 37.896,
344.723


 48, 37.896,
344.723


 78, 37.896,
344.723

 38, 37.896,
344.723

 88, 37.896,
344.723

 28, 37.896,
344.723

 98, 37.896,
344.723

 18, 37.896,
344.723

 8, 37.896, 344.723

 0, 37.896, 344.723

58, 37.896,
344.723

58, 37.896,
344.723

54, 46.699,
345.973

63, 28.601,
343.635

50, 54.607,
347.441

67, 19.130,
342.664

47, 61.142,
349.213

73, 9.694, 341.775

44, 65.857,
351.407

78, 0.427, 340.139

83, 8.594, 160.337


43, 68.496,
354.163

88, 17.333,
159.643

42, 69.465,
357.333

94, 25.777,
159.012

95, 25.989,
164.089

 96, 23.488,
172.736

Harmonies

Complementary

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



58, 37.896, 344.723



72, 36.586, 157.119

Rectangle

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



58, 37.896, 344.723



58, 37.896, 34.723



58, 37.896, 164.723



58, 37.896, 214.723

Sweetspot

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



58, 37.893, 344.724



91, 13.759, 341.925



54, 46.313, 308.950



47, 9.136, 342.040



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



58, 37.893, 344.724



69, 56.067, 345.881



57, 32.977, 18.375



38, 5.272, 341.681



35, 60.819, 356.786



3, 16.322, 349.230

Inverse Universe

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



58, 37.893, 344.724



69, 56.067, 345.881



73, 25.731, 191.089



38, 5.272, 341.681



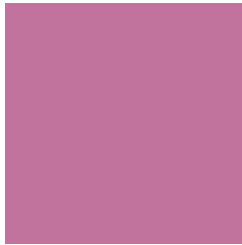
35, 60.819, 356.786



3, 16.322, 349.230

Previews

White Background



This preview shows how the CIELCh color 58, 37.896, 344.723 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, 37.896, 344.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

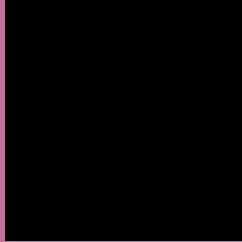
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 37.896, 344.723

Background



This preview shows how black text looks on a background with the CIELCh color 58, 37.896, 344.723.



This preview shows how white text looks on a background with the CIELCh color 58, 37.896, 344.723.

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
58, 37.896, 344.723

Protanopia
58, 20.523, 286.699

Deuteranopia
58, 11.110, 313.321



Tritanopia
58, 29.298, 13.048

Trichromacy



Original Color
58, 37.896, 344.723



Protanomaly
58, 23.465, 314.478



Deuteranomaly
58, 20.639, 333.768



Tritanomaly
58, 31.388, 1.363

Monochromacy



Original Color
58, 37.896, 344.723



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 13.865, 343.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 37.896, 344.723 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(193, 115, 158)` looks like.

```
.text, #text, p{  
    color:rgb(193, 115, 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(193, 115, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 115, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 37.896, 344.723 is called "border". The border property can be set on classes, ids or directly on the HTML element.

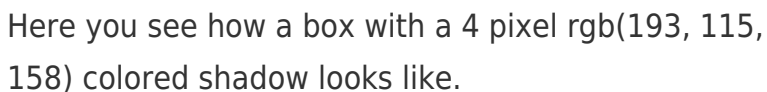
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 115, 158) }
```

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

```
.border{ border-color:rgb(193, 115, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 115, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 115, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 115, 158); box-shadow:4px 4px 4px 4px rgb(193, 115, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 37.896, 344.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 115, 158) }
```

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

```
.background{ background-color: rgb(193,  
115, 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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