

Converting Colors

CIELCh(58, 41.252, 334.757)

Have a look what the booklet for
CIELCh(58, 41.252, 334.757)
contains.

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Color

CIELCh(58, 41.285, 334.772)

Conversions

Conversions Part 1

Format	Color
Hex	BD73AB
RGB	189, 115, 171
RGB Percent	74%, 45%, 67%
CMY	0.2594, 0.5496, 0.3300
CMYK	0.00, 0.39, 0.10, 0.26
HSL	315°, 36%, 60%
HSV	315°, 39%, 74%
XYZ	34.3971, 25.9610, 41.6500
YIQ	143.5100, 26.1280, 33.1040

Conversions

Conversions Part 2

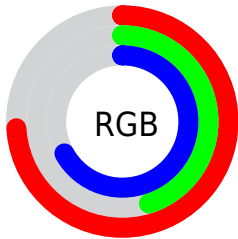
Format	Color
RYB	189, 115, 171
Decimal	12415915
CIELab	58.00, 37.35, -17.60
CIELCh	58, 41.285, 334.772
Yxy	25.9610, 0.3372, 0.2545
Android (android.graphics.Color)	4290605995 (0xFFBD73AB)
YUV	143.5100, 13.5526, 39.8947
Hunter-Lab	50.9519, 31.3377, -12.7995

Details

The CIELCh color **58, 41.285, 334.772** is a light color, and the websafe version is hex **996699**. A complement of this color would be **71, 41.036, 148.828**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 41.242, 334.785**, and **38, 41.638, 334.471** is the 20% darker color. If you saturate the color by 10%, you get **54, 51.052, 335.552**, and if you desaturate by 10%, it is **62, 30.925, 334.033**.

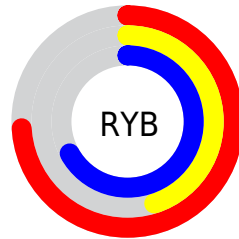
Distribution



Red (74%)

Green (45%)

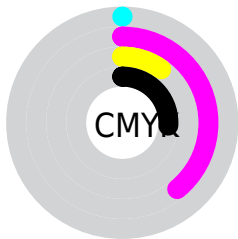
Blue (67%)



Red (74%)

Yellow (45%)

Blue (67%)

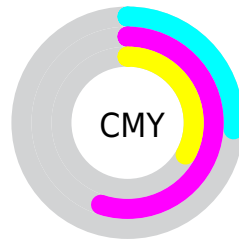


Cyan (0%)

Magenta (39%)

Yellow (10%)

Black (26%)



Cyan (26%)

Magenta (55%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 41.285, 334.772 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, 41.285, 334.772 by changing the saturation by 10% instead.

 58, 41.285,
334.772


 58, 41.285,
334.772

 100, 41.285,
334.772


 48, 41.285,
334.772


 78, 41.285,
334.772

 38, 41.285,
334.772

 88, 41.285,
334.772

 28, 41.285,
334.772

 98, 41.285,
334.772

 18, 41.285,
334.772

 8, 41.285, 334.772

 0, 41.285, 334.772

58, 41.285,
334.772

58, 41.285,
334.772

54, 51.052,
335.552

62, 30.925,
334.033

50, 59.812,
336.384

67, 20.309,
333.327

47, 67.077,
337.290

72, 9.666, 332.642

45, 72.385,
338.303

77, 0.849, 152.399

43, 75.430,
339.468

82, 11.142,
151.459


42, 76.443,
340.817

87, 21.159,
150.872

42, 76.503,
340.930

92, 30.879,
150.324

95, 33.843,
151.587

 95, 32.095,
154.362

Harmonies

Complementary

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



58, 41.285, 334.772



71, 41.036, 148.828

Rectangle

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



58, 41.285, 334.772



58, 41.285, 24.772



58, 41.285, 154.772



58, 41.285, 204.772

Sweetspot

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



58, 41.283, 334.772



89, 15.635, 332.848



53, 43.339, 302.479



46, 10.375, 332.936



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



58, 41.283, 334.772



70, 60.409, 335.438



57, 31.722, 3.045



37, 5.965, 332.654



35, 67.232, 340.716



3, 16.916, 336.578

Inverse Universe

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



58, 41.283, 334.772



70, 60.409, 335.438



71, 27.799, 174.373



37, 5.965, 332.654



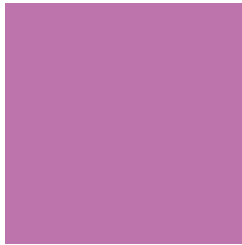
35, 67.232, 340.716



3, 16.916, 336.578

Previews

White Background



This preview shows how the CIELCh color 58, 41.285, 334.772 looks on a white background.

Color Contrast Check

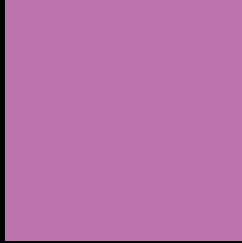
Large Text (above 18pt) WCAG AA ✓ Pass

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, 41.285, 334.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

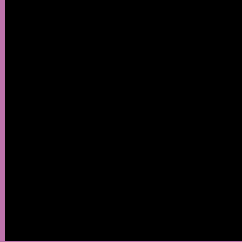
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 41.285, 334.772

Background



This preview shows how black text looks on a background with the CIELCh color 58, 41.285, 334.772.

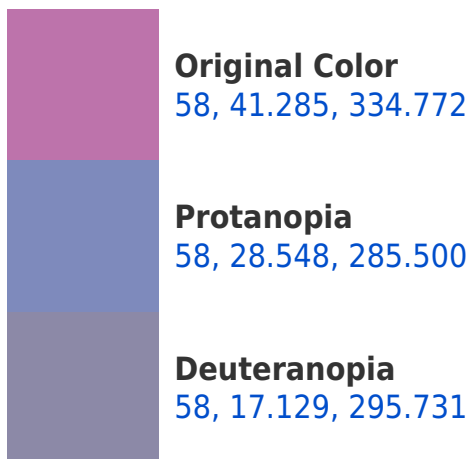


This preview shows how white text looks on a background with the CIELCh color 58, 41.285, 334.772.

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](#).

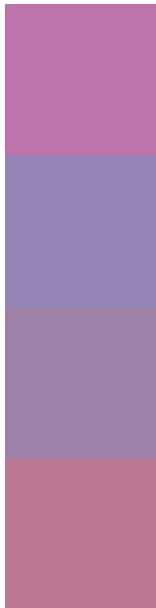
Dichromacy





Tritanopia
58, 25.482, 11.003

Trichromacy



Original Color
58, 41.285, 334.772

Protanomaly
58, 30.488, 305.919

Deuteranomaly
58, 24.714, 318.076

Tritanomaly
58, 29.670, 353.598

Monochromacy



Original Color
58, 41.285, 334.772

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 15.420, 333.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 41.285, 334.772 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(189, 115, 171)` looks like.

```
.text, #text, p{  
    color:rgb(189, 115, 171)  
}
```

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(189, 115, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 115, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 41.285, 334.772 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(189, 115, 171) }
```

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

```
.border{ border-color:rgb(189, 115, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 115, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 115, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 115, 171);  
box-shadow:4px 4px 4px 4px rgb(189, 115,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 41.285, 334.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 115, 171) }
```

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

```
.background{ background-color: rgb(189,  
115, 171) }
```

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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