

Converting Colors

CIELCh(59, 37.232, 333.371)

Have a look what the booklet for
CIELCh(59, 37.232, 333.371)
contains.

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Color

CIELCh(59, 37.199, 333.358)

Conversions

Conversions Part 1

Format	Color
Hex	BA79AC
RGB	186, 121, 172
RGB Percent	73%, 47%, 67%
CMY	0.2712, 0.5261, 0.3261
CMYK	0.00, 0.35, 0.08, 0.27
HSL	313°, 32%, 60%
HSV	313°, 35%, 73%
XYZ	34.4587, 27.0277, 42.3494
YIQ	146.2490, 22.3690, 29.6410

Conversions

Conversions Part 2

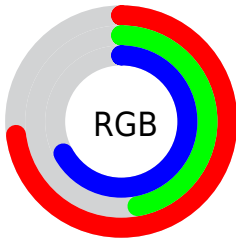
Format	Color
RYB	186, 121, 172
Decimal	12220844
CIELab	59.00, 33.25, -16.68
CIElCh	59, 37.199, 333.358
Yxy	27.0277, 0.3319, 0.2603
Android (android.graphics.Color)	4290410924 (0xFFBA79AC)
YUV	146.2490, 12.6952, 34.8616
Hunter-Lab	51.9882, 27.3337, -11.9057

Details

The CIELCh color **59, 37.199, 333.358** is a light color, and the websafe version is hex **996699**. A complement of this color would be **70, 37.020, 148.308**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 37.229, 333.566**, and **39, 37.237, 333.341** is the 20% darker color. If you saturate the color by 10%, you get **55, 47.308, 334.077**, and if you desaturate by 10%, it is **63, 26.641, 332.666**.

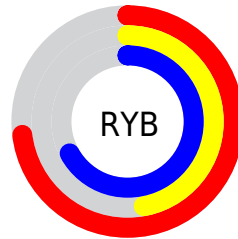
Distribution



Red (73%)

Green (47%)

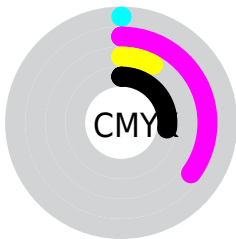
Blue (67%)



Red (73%)

Yellow (47%)

Blue (67%)

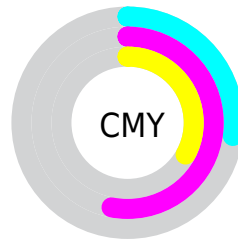


Cyan (0%)

Magenta (35%)

Yellow (8%)

Black (27%)



Cyan (27%)


Magenta (53%)


Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 37.199, 333.358 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, 37.199, 333.358 by changing the saturation by 10% instead.


 59, 37.199,
333.358


 59, 37.199,
333.358


 100, 37.199,
333.358


 49, 37.199,
333.358


 79, 37.199,
333.358

 39, 37.199,
333.358

 89, 37.199,
333.358

 29, 37.199,
333.358

 99, 37.199,
333.358

 19, 37.199,
333.358

 9, 37.199, 333.358

 0, 37.199, 333.358

59, 37.199,
333.358

59, 37.199,
333.358

55, 47.308,
334.077

63, 26.641,
332.666

51, 56.593,
334.828

68, 15.927,
331.996

48, 64.592,
335.622

73, 5.254, 331.322

45, 70.827,
336.480

78, 5.250, 150.826

44, 74.917,
337.433

83, 15.507,
150.209


42, 76.726,
338.525

88, 25.479,
149.650

42, 77.139,
339.111

93, 35.149,
149.124

94, 35.990,
150.621

 95, 34.442,
152.837

Harmonies

Complementary

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



59, 37.199, 333.358



70, 37.020, 148.308

Rectangle

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



59, 37.199, 333.358



59, 37.199, 23.358



59, 37.199, 153.358



59, 37.199, 203.358

Sweetspot

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



59, 37.197, 333.358



89, 13.160, 331.678



54, 37.821, 300.971



47, 9.060, 331.772



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



59, 37.197, 333.358



72, 54.987, 333.911



58, 28.102, 359.958



36, 5.949, 331.622



35, 67.781, 338.929



3, 15.166, 334.715

Inverse Universe

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



59, 37.197, 333.358



72, 54.987, 333.911



71, 25.342, 172.470



36, 5.949, 331.622



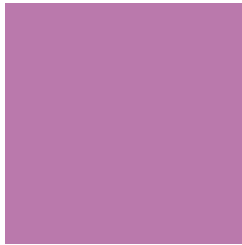
35, 67.781, 338.929



3, 15.166, 334.715

Previews

White Background



This preview shows how the CIELCh color 59, 37.199, 333.358 looks on a white background.

Color Contrast Check

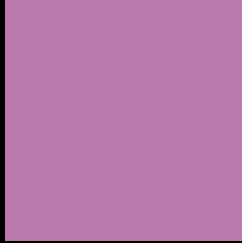
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 59, 37.199, 333.358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

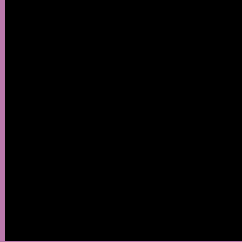
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 37.199, 333.358

Background



This preview shows how black text looks on a background with the CIELCh color 59, 37.199, 333.358.

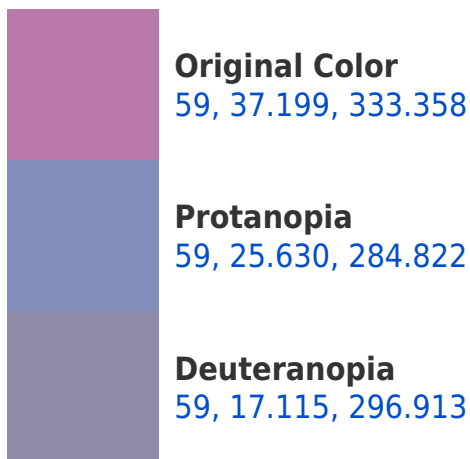


This preview shows how white text looks on a background with the CIELCh color 59, 37.199, 333.358.

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
59, 22.468, 9.028

Trichromacy



Original Color
59, 37.199, 333.358

Protanomaly
59, 27.389, 304.888

Deuteranomaly
59, 23.826, 317.000

Tritanomaly
59, 26.596, 350.725

Monochromacy



Original Color
59, 37.199, 333.358

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 13.513, 332.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 37.199, 333.358 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(186, 121, 172)` looks like.

```
.text, #text, p{  
    color:rgb(186, 121, 172)  
}
```

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(186, 121, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 121, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 37.199, 333.358 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(186, 121, 172) }
```

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

```
.border{ border-color:rgb(186, 121, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 121, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 121, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 121, 172);  
box-shadow:4px 4px 4px 4px rgb(186, 121,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 37.199, 333.358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 121, 172) }
```

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

```
.background{ background-color: rgb(186,  
121, 172) }
```

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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