

Converting Colors

CIELCh(59, 39.065, 335.169)

Have a look what the booklet for
CIELCh(59, 39.065, 335.169)
contains.

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Color

CIELCh(59, 38.986, 335.644)

Conversions

Conversions Part 1

Format	Color
Hex	BE77AB
RGB	190, 119, 171
RGB Percent	75%, 47%, 67%
CMY	0.2554, 0.5338, 0.3299
CMYK	0.00, 0.37, 0.10, 0.26
HSL	316°, 35%, 61%
HSV	316°, 37%, 74%
XYZ	35.1202, 27.0277, 41.8272
YIQ	146.1570, 25.6240, 31.2240

Conversions

Conversions Part 2

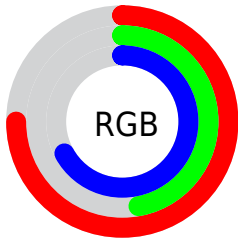
Format	Color
RYB	190, 119, 171
Decimal	12482475
CIELab	59.00, 35.52, -16.08
CIELCh	59, 38.986, 335.644
Yxy	27.0277, 0.3378, 0.2599
Android (android.graphics.Color)	4290672555 (0xFFBE77AB)
YUV	146.1570, 12.2476, 38.4503
Hunter-Lab	51.9882, 29.6048, -11.3101

Details

The CIELCh color $59, 38.986, 335.644$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $71, 38.663, 149.897$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 39.008, 335.655$, and $39, 39.359, 335.295$ is the 20% darker color. If you saturate the color by 10%, you get $55, 48.782, 336.458$, and if you desaturate by 10%, it is $64, 28.676, 334.880$.

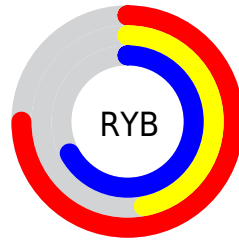
Distribution



Red (75%)

Green (47%)

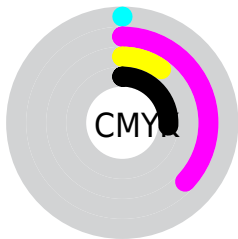
Blue (67%)



Red (75%)

Yellow (47%)

Blue (67%)

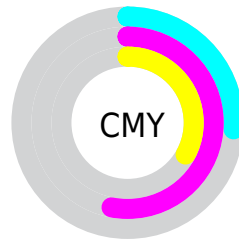


Cyan (0%)

Magenta (37%)

Yellow (10%)

Black (26%)



Cyan (26%)

Magenta (53%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 38.986, 335.644 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, 38.986, 335.644 by changing the saturation by 10% instead.

 59, 38.986,
335.644

 59, 38.986,
335.644

 100, 38.986,
335.644

 49, 38.986,
335.644

 79, 38.986,
335.644

 39, 38.986,
335.644

 89, 38.986,
335.644

 29, 38.986,
335.644

 99, 38.986,
335.644

 19, 38.986,
335.644

 9, 38.986, 335.644

 0, 38.986, 335.644

59, 38.986,
335.644

59, 38.986,
335.644

55, 48.782,
336.458

64, 28.676,
334.880

51, 57.664,
337.337

68, 18.166,
334.154

48, 65.152,
338.305

73, 7.670, 333.449

45, 70.765,
339.399

78, 2.674, 152.963

83, 12.782,
152.259

44, 74.155,
340.675


89, 22.609,
151.670

43, 75.345,
342.184

94, 32.138,
151.120

42, 75.517,
342.598

95, 32.104,
153.554

 95, 30.229,
156.926

Harmonies

Complementary

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



59, 38.986, 335.644



71, 38.663, 149.897

Rectangle

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



59, 38.986, 335.644



59, 38.986, 25.644



59, 38.986, 155.644



59, 38.986, 205.644

Sweetspot

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



59, 38.984, 335.645



91, 14.195, 333.717



54, 41.501, 303.366



48, 9.624, 333.814



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, 38.984, 335.645



71, 57.588, 336.320



58, 30.104, 5.211



37, 5.862, 333.589



35, 66.113, 342.344



3, 16.545, 337.947

Inverse Universe

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



59, 38.984, 335.645



71, 57.588, 336.320



72, 26.139, 177.093



37, 5.862, 333.589



35, 66.113, 342.344



3, 16.545, 337.947

Previews

White Background



This preview shows how the CIELCh color 59, 38.986, 335.644 looks on a white background.

Color Contrast Check

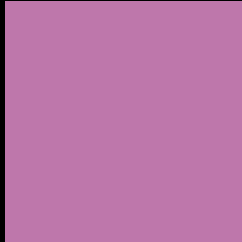
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.986, 335.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

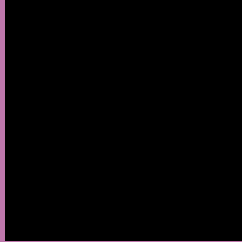
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 38.986, 335.644

Background



This preview shows how black text looks on a background with the CIELCh color 59, 38.986, 335.644.

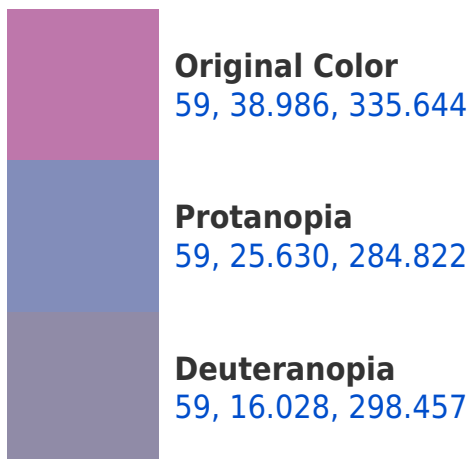


This preview shows how white text looks on a background with the CIELCh color 59, 38.986, 335.644.

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, 24.968, 10.684

Trichromacy



Original Color
59, 38.986, 335.644

Protanomaly
59, 27.648, 307.075

Deuteranomaly
59, 23.142, 319.911

Tritanomaly
59, 28.679, 353.645

Monochromacy



Original Color
59, 38.986, 335.644

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 14.705, 334.111

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 38.986, 335.644 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(190, 119, 171)` looks like.

```
.text, #text, p{  
    color:rgb(190, 119, 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(190, 119, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 119, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 38.986, 335.644 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(190, 119, 171) }
```

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

```
.border{ border-color:rgb(190, 119, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 119, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 119, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 119, 171);  
box-shadow:4px 4px 4px 4px rgb(190, 119,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 38.986, 335.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 119, 171) }
```

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

```
.background{ background-color: rgb(190,  
119, 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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