

Converting Colors

CIELCh(59, 39.460, 327.455)

Have a look what the booklet for
CIELCh(59, 39.460, 327.455)
contains.

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Color

CIELCh(59, 39.734, 327.155)

Conversions

Conversions Part 1

Format	Color
Hex	B679B4
RGB	182, 121, 180
RGB Percent	71%, 47%, 71%
CMY	0.2851, 0.5244, 0.2930
CMYK	0.00, 0.33, 0.01, 0.29
HSL	302°, 30%, 60%
HSV	302°, 33%, 71%
XYZ	34.4972, 27.0277, 46.7304
YIQ	145.9650, 17.4170, 31.2810

Conversions

Conversions Part 2

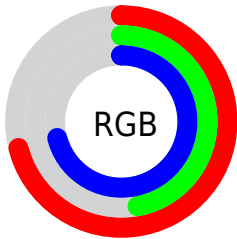
Format	Color
RYB	182, 121, 180
Decimal	11958708
CIELab	59.00, 33.38, -21.55
CIELCh	59, 39.734, 327.155
Yxy	27.0277, 0.3187, 0.2497
Android (android.graphics.Color)	4290148788 (0xFFB679B4)
YUV	145.9650, 16.7793, 31.6027
Hunter-Lab	51.9882, 27.4659, -16.9020

Details

The CIELCh color $59, 39.734, 327.155$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $69, 39.752, 142.929$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 39.982, 327.226$, and $39, 39.586, 327.210$ is the 20% darker color. If you saturate the color by 10%, you get $55, 51.041, 327.672$, and if you desaturate by 10%, it is $63, 27.956, 326.613$.

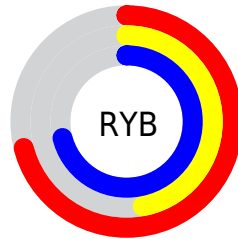
Distribution



Red (71%)

Green (47%)

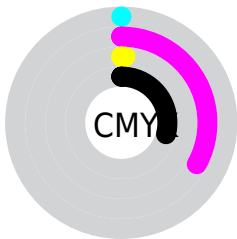
Blue (71%)



Red (71%)

Yellow (47%)

Blue (71%)

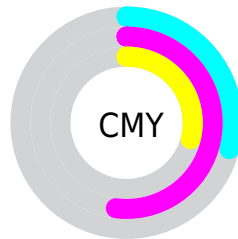


Cyan (0%)

Magenta (33%)

Yellow (1%)

Black (29%)



Cyan (29%)


Magenta (52%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 39.734, 327.155 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, 39.734, 327.155 by changing the saturation by 10% instead.


 59, 39.734,
327.155


 59, 39.734,
327.155


 100, 39.734,
327.155


 49, 39.734,
327.155


 79, 39.734,
327.155

 39, 39.734,
327.155

 89, 39.734,
327.155

 29, 39.734,
327.155

 99, 39.734,
327.155

 19, 39.734,
327.155

 9, 39.734, 327.155

 0, 39.734, 327.155

59, 39.734,
327.155

59, 39.734,
327.155

55, 51.041,
327.672

63, 27.956,
326.613

52, 61.501,
328.151

68, 16.009,
326.055

48, 70.660,
328.577

72, 4.104, 325.460

46, 78.063,
328.940

77, 7.619, 145.012

44, 83.349,
329.232

82, 19.072,
144.467

43, 86.385,
329.458

87, 30.207,
143.957

43, 87.537,
329.581

92, 41.002,
143.474

94, 44.384,
143.467

 94, 44.134,
143.692

Harmonies

Complementary

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



59, 39.734, 327.155



69, 39.752, 142.929

Rectangle

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



59, 39.734, 327.155



59, 39.734, 17.155



59, 39.734, 147.155



59, 39.734, 197.155

Sweetspot

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



59, 39.732, 327.155



88, 14.692, 325.868



53, 35.319, 294.897



46, 10.112, 325.948



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



59, 39.732, 327.155



72, 58.390, 327.531



58, 28.840, 347.769



36, 6.757, 325.821



36, 77.885, 329.564



3, 18.208, 325.997

Inverse Universe

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



59, 39.732, 327.155



72, 58.390, 327.531



69, 27.597, 161.391



36, 6.757, 325.821



36, 77.885, 329.564



3, 18.208, 325.997

Previews

White Background



This preview shows how the CIELCh color 59, 39.734, 327.155 looks on a white background.

Color Contrast Check

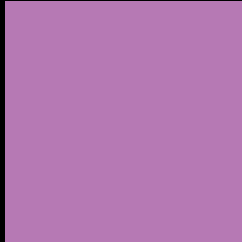
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.734, 327.155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

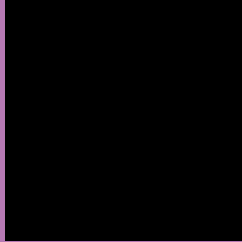
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 39.734, 327.155

Background



This preview shows how black text looks on a background with the CIELCh color 59, 39.734, 327.155.

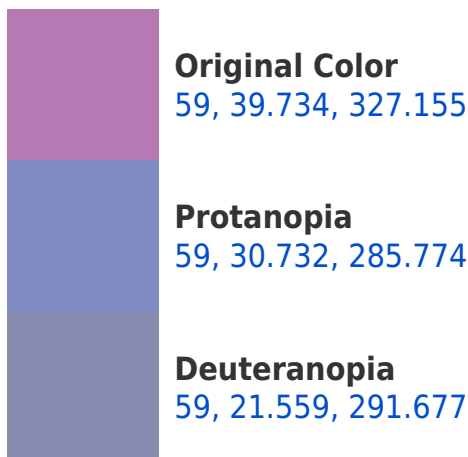


This preview shows how white text looks on a background with the CIELCh color 59, 39.734, 327.155.

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, 20.124, 5.513

Trichromacy



Original Color
59, 39.734, 327.155

Protanomaly
59, 32.288, 302.109

Deuteranomaly
59, 26.742, 309.140

Tritanomaly
59, 25.800, 344.778

Monochromacy



Original Color
59, 39.734, 327.155

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 14.585, 326.423

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 39.734, 327.155 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(182, 121, 180)` looks like.

```
.text, #text, p{  
    color:rgb(182, 121, 180)  
}
```

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(182, 121, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 121, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 39.734, 327.155 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(182, 121, 180) }
```

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

```
.border{ border-color:rgb(182, 121, 180) }
```

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

Here you see how a box with a 4 pixel rgb(182, 121, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 121, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 121, 180);  
box-shadow:4px 4px 4px 4px rgb(182, 121,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 39.734, 327.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 121, 180) }
```

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

```
.background{ background-color: rgb(182,  
121, 180) }
```

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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