

Converting Colors

CIELCh(59, 37.976, 324.729)

Have a look what the booklet for
CIELCh(59, 37.976, 324.729)
contains.

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Color

CIELCh(59, 38.184, 324.659)

Conversions

Conversions Part 1

Format	Color
Hex	B27BB5
RGB	178, 123, 181
RGB Percent	70%, 48%, 71%
CMY	0.3013, 0.5171, 0.2896
CMYK	0.02, 0.32, 0.00, 0.29
HSL	297°, 28%, 60%
HSV	297°, 32%, 71%
XYZ	33.8529, 27.0277, 47.2309
YIQ	146.0570, 14.1620, 29.6980

Conversions

Conversions Part 2

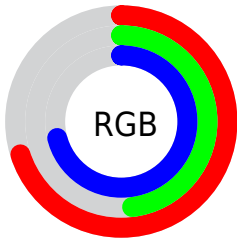
Format	Color
R _Y B	178, 123, 181
Decimal	11697077
CIE Lab	59.00, 31.15, -22.09
CIE LCh	59, 38.184, 324.659
Yxy	27.0277, 0.3131, 0.2500
Android (android.graphics.Color)	4289887157 (0xFFB27BB5)
YUV	146.0570, 17.2269, 28.0140
Hunter-Lab	51.9882, 25.2535, -17.4728

Details

The CIELCh color **59, 38.184, 324.659** is a light color, and the websafe version is hex **996699**. A complement of this color would be **69, 38.077, 140.977**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 38.260, 324.444**, and **39, 38.120, 324.482** is the 20% darker color. If you saturate the color by 10%, you get **55, 49.714, 325.123**, and if you desaturate by 10%, it is **63, 26.286, 324.163**.

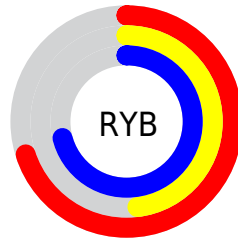
Distribution



Red (70%)

Green (48%)

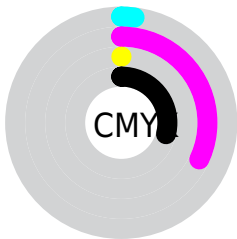
Blue (71%)



Red (70%)

Yellow (48%)

Blue (71%)

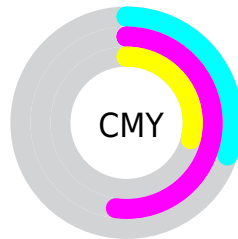


Cyan (2%)

Magenta (32%)

Yellow (0%)

Black (29%)



Cyan (30%)


Magenta (52%)


Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 38.184, 324.659 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, 38.184, 324.659 by changing the saturation by 10% instead.


 59, 38.184,
324.659


 59, 38.184,
324.659


 100, 38.184,
324.659


 49, 38.184,
324.659


 79, 38.184,
324.659

 39, 38.184,
324.659

 89, 38.184,
324.659

 29, 38.184,
324.659

 99, 38.184,
324.659

 19, 38.184,
324.659

 9, 38.184, 324.659

 0, 38.184, 324.659

59, 38.184,
324.659

59, 38.184,
324.659

55, 49.714,
325.123

63, 26.286,
324.163

51, 60.526,
325.537

68, 14.294,
323.648

48, 70.179,
325.878

73, 2.390, 323.061

45, 78.204,
326.125

78, 9.305, 142.683

43, 84.187,
326.258

83, 20.718,
142.188


42, 87.912,
326.269

88, 31.810,
141.725

41, 89.647,
326.210

93, 42.564,
141.289

94, 45.364,
140.947

 94, 45.181,
140.632

Harmonies

Complementary

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



59, 38.184, 324.659



69, 38.077, 140.977

Rectangle

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



59, 38.184, 324.659



59, 38.184, 14.659



59, 38.184, 144.659



59, 38.184, 194.659

Sweetspot

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



59, 38.182, 324.659



87, 14.657, 323.551



55, 31.140, 291.497



45, 10.000, 323.624



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



59, 38.182, 324.659



72, 55.668, 324.971



58, 28.869, 342.969



36, 6.800, 323.508



35, 80.105, 326.233



3, 18.342, 322.549

Inverse Universe

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



58, 24.230, 18.190



70, 36.210, 19.173



69, 28.102, 157.378



36, 4.008, 15.732



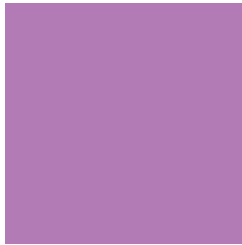
32, 69.932, 37.491



2, 10.662, 16.263

Previews

White Background



This preview shows how the CIELCh color 59, 38.184, 324.659 looks on a white background.

Color Contrast Check

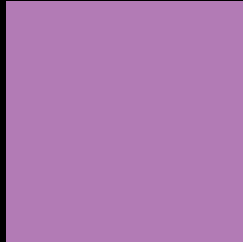
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.184, 324.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

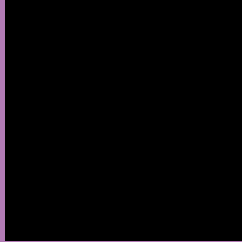
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 38.184, 324.659

Background



This preview shows how black text looks on a background with the CIELCh color 59, 38.184, 324.659.

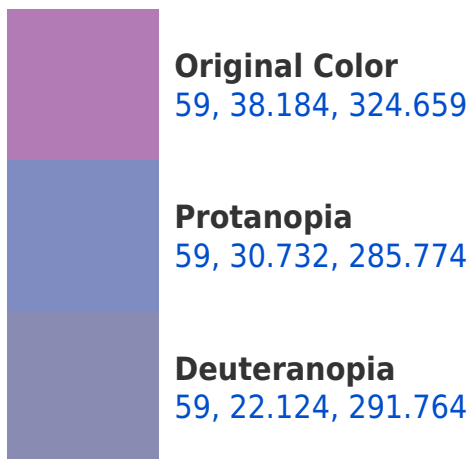


This preview shows how white text looks on a background with the CIELCh color 59, 38.184, 324.659.

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, 17.726, 2.922

Trichromacy



Original Color
59, 38.184, 324.659

Protanomaly
59, 31.603, 300.986

Deuteranomaly
59, 27.190, 308.086

Tritanomaly
59, 23.977, 340.982

Monochromacy



Original Color
59, 38.184, 324.659

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 14.147, 323.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 38.184, 324.659 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(178, 123, 181)` looks like.

```
.text, #text, p{  
    color:rgb(178, 123, 181)  
}
```

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(178, 123, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 123, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 38.184, 324.659 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(178, 123, 181) }
```

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

```
.border{ border-color:rgb(178, 123, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 123, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 123, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 123, 181);  
box-shadow:4px 4px 4px 4px rgb(178, 123,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 38.184, 324.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 123, 181) }
```

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

```
.background{ background-color: rgb(178,  
123, 181) }
```

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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