

Converting Colors

CIELCh(59, 33.748, 332.555)

Have a look what the booklet for
CIELCh(59, 33.748, 332.555)
contains.

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Color

CIELCh(59, 34.013, 332.188)

Conversions

Conversions Part 1

Format	Color
Hex	B57BAA
RGB	181, 123, 170
RGB Percent	71%, 48%, 67%
CMY	0.2888, 0.5164, 0.3320
CMYK	0.00, 0.32, 0.06, 0.29
HSL	311°, 28%, 60%
HSV	311°, 32%, 71%
XYZ	33.5490, 27.0277, 41.6475
YIQ	145.7000, 19.4810, 26.9130

Conversions

Conversions Part 2

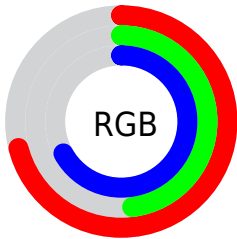
Format	Color
RYB	181, 123, 170
Decimal	11893674
CIELab	59.00, 30.08, -15.87
CIELCh	59, 34.013, 332.188
Yxy	27.0277, 0.3282, 0.2644
Android (android.graphics.Color)	4290083754 (0xFFB57BAA)
YUV	145.7000, 11.9799, 30.9581
Hunter-Lab	51.9882, 24.2102, -11.1052

Details

The CIELCh color **59, 34.013, 332.188** is a light color, and the websafe version is hex **996699**. A complement of this color would be **69, 33.884, 147.747**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 34.116, 332.556**, and **39, 34.058, 331.957** is the 20% darker color. If you saturate the color by 10%, you get **55, 44.258, 332.865**, and if you desaturate by 10%, it is **63, 23.411, 331.529**.

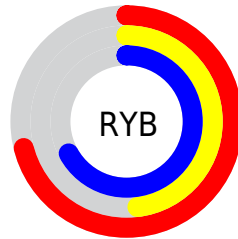
Distribution



Red (71%)

Green (48%)

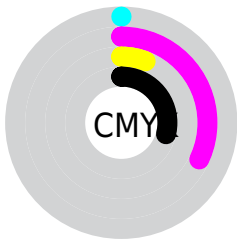
Blue (67%)



Red (71%)

Yellow (48%)

Blue (67%)

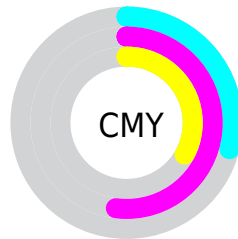


Cyan (0%)

Magenta (32%)

Yellow (6%)

Black (29%)



Cyan (29%)

Magenta (52%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 34.013, 332.188 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, 34.013, 332.188 by changing the saturation by 10% instead.

 59, 34.013,
332.188

 59, 34.013,
332.188

 100, 34.013,
332.188

 49, 34.013,
332.188


 79, 34.013,
332.188

 39, 34.013,
332.188

 89, 34.013,
332.188

 29, 34.013,
332.188

 99, 34.013,
332.188

 19, 34.013,
332.188

 9, 34.013, 332.188

 0, 34.013, 332.188

59, 34.013,
332.188

59, 34.013,
332.188

55, 44.258,
332.865

63, 23.411,
331.529

51, 53.806,
333.559

68, 12.717,
330.884

48, 62.221,
334.277

73, 2.103, 330.158

45, 69.035,
335.031

78, 8.319, 149.740

43, 73.833,
335.841

83, 18.484,
149.159

42, 76.397,
336.739

88, 28.359,
148.619

41, 77.220,
337.523

93, 37.933,
148.110

94, 39.361,
149.156

 94, 38.005,
150.837

Harmonies

Complementary

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



59, 34.013, 332.188



69, 33.884, 147.747

Rectangle

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



59, 34.013, 332.188



59, 34.013, 22.188



59, 34.013, 152.188



59, 34.013, 202.188

Sweetspot

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



59, 34.011, 332.188



87, 13.057, 330.766



55, 33.696, 300.103



45, 8.908, 330.855



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, 34.011, 332.188



72, 49.562, 332.635



58, 25.274, 358.339



36, 6.058, 330.713



35, 69.064, 337.390



3, 15.539, 333.377

Inverse Universe

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



59, 34.011, 332.188



72, 49.562, 332.635



70, 23.140, 171.664



36, 6.058, 330.713



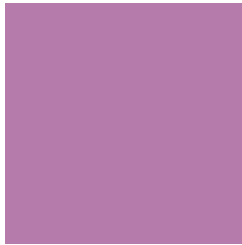
35, 69.064, 337.390



3, 15.539, 333.377

Previews

White Background



This preview shows how the CIELCh color 59, 34.013, 332.188 looks on a white background.

Color Contrast Check

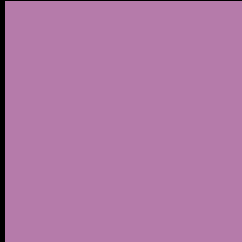
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.013, 332.188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

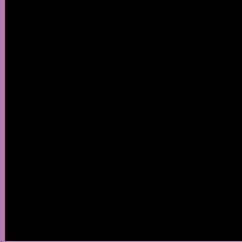
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 34.013, 332.188

Background



This preview shows how black text looks on a background with the CIELCh color 59, 34.013, 332.188.

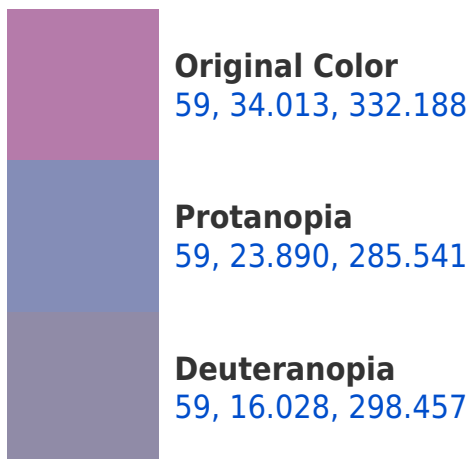


This preview shows how white text looks on a background with the CIELCh color 59, 34.013, 332.188.

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, 34.013, 332.188

Protanomaly
59, 25.087, 305.050

Deuteranomaly
59, 21.987, 317.052

Tritanomaly
59, 24.054, 349.704

Monochromacy



Original Color
59, 34.013, 332.188

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 12.582, 330.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 34.013, 332.188 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(181, 123, 170)` looks like.

```
.text, #text, p{  
    color:rgb(181, 123, 170)  
}
```

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(181, 123, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 123, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 34.013, 332.188 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(181, 123, 170) }
```

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

```
.border{ border-color:rgb(181, 123, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 123, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 123, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 123, 170);  
box-shadow:4px 4px 4px 4px rgb(181, 123,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 34.013, 332.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 123, 170) }
```

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

```
.background{ background-color: rgb(181,  
123, 170) }
```

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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