

Converting Colors

CIELCh(59, 33.673, 335.118)

Have a look what the booklet for
CIELCh(59, 33.673, 335.118)
contains.

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Color

CIELCh(59, 33.293, 335.243)

Conversions

Conversions Part 1

Format	Color
Hex	B77BA7
RGB	183, 123, 167
RGB Percent	72%, 48%, 65%
CMY	0.2823, 0.5176, 0.3451
CMYK	0.00, 0.33, 0.09, 0.28
HSL	316°, 29%, 60%
HSV	316°, 33%, 72%
XYZ	33.5915, 27.0277, 40.0107
YIQ	145.9560, 21.6360, 26.4040

Conversions

Conversions Part 2

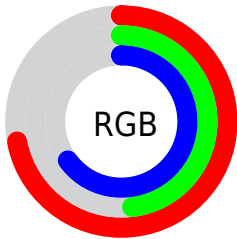
Format	Color
RYB	183, 123, 167
Decimal	12024743
CIELab	59.00, 30.23, -13.94
CIELCh	59, 33.293, 335.243
Yxy	27.0277, 0.3338, 0.2686
Android (android.graphics.Color)	4290214823 (0xFFB77BA7)
YUV	145.9560, 10.3747, 32.4876
Hunter-Lab	51.9882, 24.3561, -9.2385

Details

The CIELCh color **59, 33.293, 335.243** is a light color, and the websafe version is hex **996699**. A complement of this color would be **69, 33.015, 150.353**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 33.459, 335.417**, and **39, 33.248, 335.274** is the 20% darker color. If you saturate the color by 10%, you get **55, 43.082, 336.029**, and if you desaturate by 10%, it is **63, 23.158, 334.501**.

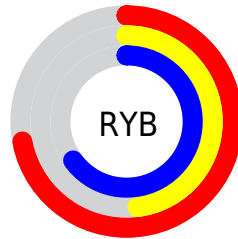
Distribution



Red (72%)

Green (48%)

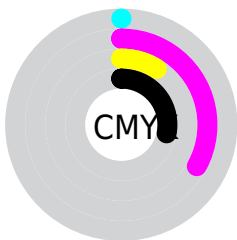
Blue (65%)



Red (72%)

Yellow (48%)

Blue (65%)

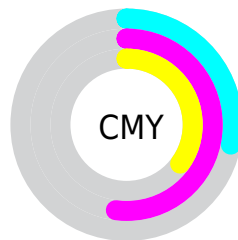


Cyan (0%)

Magenta (33%)

Yellow (9%)

Black (28%)



Cyan (28%)


Magenta (52%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 33.293, 335.243 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, 33.293, 335.243 by changing the saturation by 10% instead.


 59, 33.293,
335.243


 59, 33.293,
335.243


 100, 33.293,
335.243


 49, 33.293,
335.243


 79, 33.293,
335.243

 39, 33.293,
335.243

 89, 33.293,
335.243

 29, 33.293,
335.243

 99, 33.293,
335.243

 19, 33.293,
335.243

 9, 33.293, 335.243

 0, 33.293, 335.243

59, 33.293,
335.243

59, 33.293,
335.243

55, 43.082,
336.029

63, 23.158,
334.501

51, 52.182,
336.871

68, 12.936,
333.792

48, 60.157,
337.787

73, 2.798, 333.044

45, 66.531,
338.810

78, 7.149, 152.570

43, 70.889,
339.984

83, 16.845,
151.951


42, 73.022,
341.368

88, 26.258,
151.383

41, 73.559,
342.488

93, 35.380,
150.850

94, 35.788,
152.796

 94, 33.958,
155.644

Harmonies

Complementary

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



59, 33.293, 335.243



69, 33.015, 150.353

Rectangle

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



59, 33.293, 335.243



59, 33.293, 25.243



59, 33.293, 155.243



59, 33.293, 205.243

Sweetspot

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



59, 33.291, 335.244



88, 12.470, 333.609



55, 35.037, 302.939



46, 8.585, 333.707



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, 33.291, 335.244



72, 48.652, 335.777



58, 25.432, 4.470



36, 5.735, 333.552



34, 65.384, 342.259



3, 14.474, 337.478

Inverse Universe

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



59, 33.291, 335.244



72, 48.652, 335.777



70, 22.506, 177.607



36, 5.735, 333.552



34, 65.384, 342.259



3, 14.474, 337.478

Previews

White Background



This preview shows how the CIELCh color 59, 33.293, 335.243 looks on a white background.

Color Contrast Check

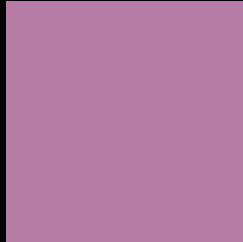
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 59, 33.293, 335.243 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, 33.293, 335.243

Background



This preview shows how black text looks on a background with the CIELCh color 59, 33.293, 335.243.



This preview shows how white text looks on a background with the CIELCh color 59, 33.293, 335.243.

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



Original Color

59, 33.293, 335.243

Protanopia

59, 21.625, 285.320

Deuteranopia

59, 14.460, 302.003



Tritanopia
59, 21.341, 6.626

Trichromacy



Original Color
59, 33.293, 335.243

Protanomaly
59, 24.183, 307.264

Deuteranomaly
59, 20.652, 320.029

Tritanomaly
59, 24.746, 350.831

Monochromacy



Original Color
59, 33.293, 335.243

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 12.165, 332.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 33.293, 335.243 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(183, 123, 167)` looks like.

```
.text, #text, p{  
    color:rgb(183, 123, 167)  
}
```

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(183, 123, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 123, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 33.293, 335.243 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(183, 123, 167) }
```

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

```
.border{ border-color:rgb(183, 123, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 123, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 123, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 123, 167); box-shadow:4px 4px 4px 4px rgb(183, 123, 167) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 33.293, 335.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 123, 167) }
```

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

```
.background{ background-color: rgb(183,  
123, 167) }
```

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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