

Converting Colors

CIELCh(59, 28.354, 335.260)

Have a look what the booklet for
CIELCh(59, 28.354, 335.260)
contains.

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Color

CIELCh(59, 28.354, 335.260)

Conversions

Conversions Part 1

Format	Color
Hex	B17EA3
RGB	177, 126, 163
RGB Percent	69%, 49%, 64%
CMY	0.3047, 0.5048, 0.3597
CMYK	0.00, 0.29, 0.08, 0.30
HSL	316°, 25%, 60%
HSV	316°, 29%, 70%
XYZ	32.3301, 27.0277, 38.2964
YIQ	145.4670, 18.5190, 22.3190

Conversions

Conversions Part 2

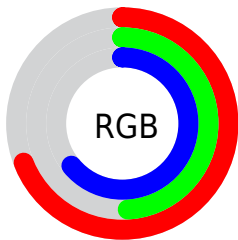
Format	Color
RYB	177, 126, 163
Decimal	11632291
CIELab	59.00, 25.75, -11.87
CIELCh	59, 28.354, 335.260
Yxy	27.0277, 0.3311, 0.2768
Android (android.graphics.Color)	4289822371 (0xFFB17EA3)
YUV	145.4670, 8.6438, 27.6544
Hunter-Lab	51.9882, 20.0251, -7.2834

Details

The CIELCh color **59, 28.354, 335.260** is a light color, and the websafe version is hex **996699**. A complement of this color would be **68, 28.111, 151.045**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 28.449, 335.005**, and **39, 28.438, 335.778** is the 20% darker color. If you saturate the color by 10%, you get **55, 38.016, 336.037**, and if you desaturate by 10%, it is **63, 18.469, 334.527**.

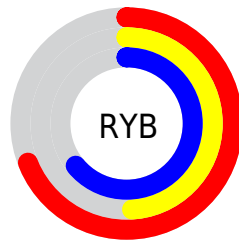
Distribution



Red (69%)

Green (49%)

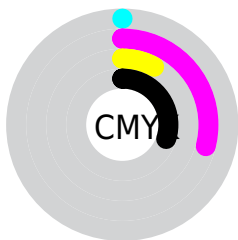
Blue (64%)



Red (69%)

Yellow (49%)

Blue (64%)

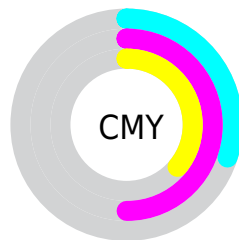


Cyan (0%)

Magenta (29%)

Yellow (8%)

Black (30%)



Cyan (30%)


Magenta (50%)


Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 28.354, 335.260 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, 28.354, 335.260 by changing the saturation by 10% instead.


 59, 28.354,
335.260

 59, 28.354,
335.260


 100, 28.354,
335.260

 49, 28.354,
335.260


 79, 28.354,
335.260

 39, 28.354,
335.260

 89, 28.354,
335.260

 29, 28.354,
335.260

 99, 28.354,
335.260

 19, 28.354,
335.260

 9, 28.354, 335.260

 0, 28.354, 335.260

59, 28.354,
335.260

59, 28.354,
335.260

55, 38.016,
336.037

63, 18.469,
334.527

51, 47.164,
336.866

68, 8.580, 333.820

47, 55.406,
337.766

73, 1.179, 153.460

44, 62.290,
338.764

78, 10.724,
152.616

42, 67.371,
339.901

83, 20.009,
152.020

41, 70.344,
341.235

88, 29.016,
151.465


40, 71.396,
342.799

93, 37.740,
150.944

40, 71.494,

94, 38.574,
152.600

342.995

 94, 36.739,
155.217

Harmonies

Complementary

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



59, 28.354, 335.260



68, 28.111, 151.045

Rectangle

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



59, 28.354, 335.260



59, 28.354, 25.260



59, 28.354, 155.260



59, 28.354, 205.260

Sweetspot

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



59, 28.352, 335.261



86, 10.859, 333.847



56, 29.755, 302.586



45, 7.546, 333.947



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



59, 28.352, 335.261



71, 42.431, 335.785



58, 21.594, 3.880



35, 5.571, 333.859



34, 64.271, 342.774



2, 12.467, 337.426

Inverse Universe

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



59, 28.352, 335.261



71, 42.431, 335.785



69, 19.424, 178.039



35, 5.571, 333.859



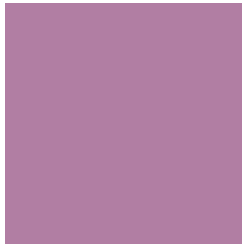
34, 64.271, 342.774



2, 12.467, 337.426

Previews

White Background



This preview shows how the CIELCh color 59, 28.354, 335.260 looks on a white background.

Color Contrast Check

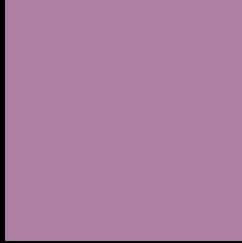
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.354, 335.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

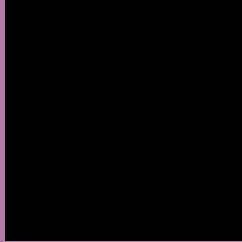
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 28.354, 335.260

Background



This preview shows how black text looks on a background with the CIELCh color 59, 28.354, 335.260.



This preview shows how white text looks on a background with the CIELCh color 59, 28.354, 335.260.

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, 28.354, 335.260

Protanopia

59, 18.203, 285.593

Deuteranopia

59, 12.877, 304.899



Tritanopia
59, 18.528, 3.854

Trichromacy



Original Color
59, 28.354, 335.260

Protanomaly
59, 19.504, 307.366

Deuteranomaly
59, 18.329, 321.270

Tritanomaly
59, 20.981, 351.188

Monochromacy



Original Color
59, 28.354, 335.260

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 10.149, 334.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 28.354, 335.260 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(177, 126, 163)` looks like.

```
.text, #text, p{  
    color:rgb(177, 126, 163)  
}
```

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(177, 126, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 126, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 28.354, 335.260 is called "border". The border property can be set on classes, ids or directly on the HTML element.

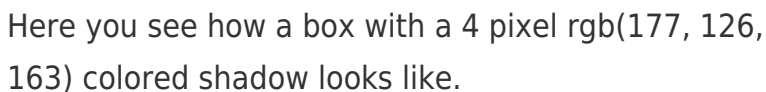
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 126, 163) }
```

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

```
.border{ border-color:rgb(177, 126, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 126, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 126, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 126, 163); box-shadow:4px 4px 4px 4px rgb(177, 126, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 28.354, 335.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 126, 163) }
```

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

```
.background{ background-color: rgb(177,  
126, 163) }
```

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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