

Converting Colors

CIELCh(59, 26.469, 339.590)

Have a look what the booklet for
CIELCh(59, 26.469, 339.590)
contains.

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Color

CIELCh(59, 26.497, 339.604)

Conversions

Conversions Part 1

Format	Color
Hex	B27F9F
RGB	178, 127, 159
RGB Percent	70%, 50%, 62%
CMY	0.3031, 0.5031, 0.3776
CMYK	0.00, 0.29, 0.11, 0.30
HSL	322°, 25%, 60%
HSV	322°, 29%, 70%
XYZ	32.0763, 27.0277, 36.1943
YIQ	145.8970, 20.1240, 20.7640

Conversions

Conversions Part 2

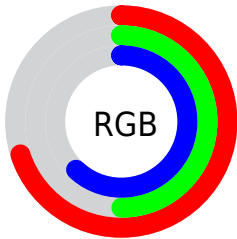
Format	Color
RYB	178, 127, 159
Decimal	11698079
CIELab	59.00, 24.84, -9.23
CIELCh	59, 26.497, 339.604
Yxy	27.0277, 0.3366, 0.2836
Android (android.graphics.Color)	4289888159 (0xFFB27F9F)
YUV	145.8970, 6.4598, 28.1543
Hunter-Lab	51.9882, 19.1536, -4.8861

Details

The CIELCh color $59, 26.497, 339.604$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $68, 26.046, 154.989$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 26.667, 339.056$, and $39, 26.865, 339.503$ is the 20% darker color. If you saturate the color by 10%, you get $55, 35.620, 340.530$, and if you desaturate by 10%, it is $64, 17.202, 338.758$.

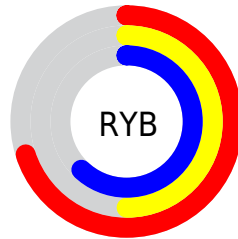
Distribution



Red (70%)

Green (50%)

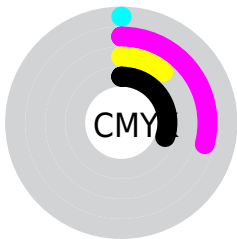
Blue (62%)



Red (70%)

Yellow (50%)

Blue (62%)

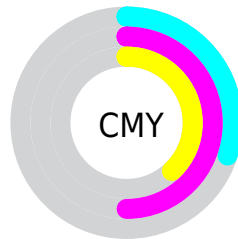


Cyan (0%)

Magenta (29%)

Yellow (11%)

Black (30%)



Cyan (30%)

Magenta (50%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 26.497, 339.604 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, 26.497, 339.604 by changing the saturation by 10% instead.

 59, 26.497,
339.604

 59, 26.497,
339.604

 100, 26.497,
339.604

 49, 26.497,
339.604

 79, 26.497,
339.604

 39, 26.497,
339.604

 89, 26.497,
339.604

 29, 26.497,
339.604

 99, 26.497,
339.604

 19, 26.497,
339.604

 9, 26.497, 339.604

 0, 26.497, 339.604

59, 26.497,
339.604

59, 26.497,
339.604

55, 35.620,
340.530

64, 17.202,
338.758

51, 44.296,
341.558

68, 7.937, 337.961

73, 1.177, 157.567

47, 52.146,
342.727

78, 10.067,
156.649

44, 58.726,
344.089

83, 18.696,
156.009

42, 63.592,
345.722

88, 27.051,
155.419

40, 66.439,
347.726


93, 35.134,
154.869

39, 67.452,
350.156

94, 34.979,
157.779

39, 67.557,

350.485

 94, 32.691,
162.125

Harmonies

Complementary

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



59, 26.497, 339.604



68, 26.046, 154.989

Rectangle

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



59, 26.497, 339.604



59, 26.497, 29.604



59, 26.497, 159.604



59, 26.497, 209.604

Sweetspot

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



59, 26.495, 339.605



87, 10.217, 337.998



56, 30.030, 305.967



46, 7.166, 338.112



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, 26.495, 339.605



72, 38.972, 340.140



58, 21.164, 11.437



35, 5.195, 338.012



33, 60.635, 350.127



2, 11.529, 342.743

Inverse Universe

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



59, 26.495, 339.605



72, 38.972, 340.140



69, 18.355, 186.100



35, 5.195, 338.012



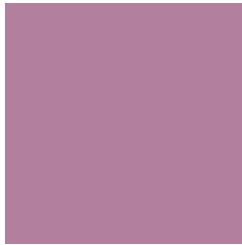
33, 60.635, 350.127



2, 11.529, 342.743

Previews

White Background



This preview shows how the CIELCh color 59, 26.497, 339.604 looks on a white background.

Color Contrast Check

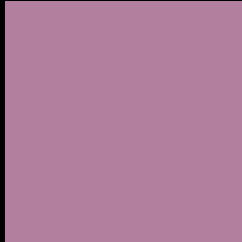
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.497, 339.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

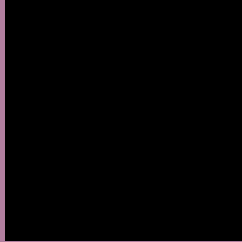
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 26.497, 339.604

Background



This preview shows how black text looks on a background with the CIELCh color 59, 26.497, 339.604.



This preview shows how white text looks on a background with the CIELCh color 59, 26.497, 339.604.

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, 26.497, 339.604

Protanopia

59, 15.338, 286.565

Deuteranopia

59, 11.748, 314.012



Tritanopia
59, 18.919, 4.286

Trichromacy



Original Color
59, 26.497, 339.604

Protanomaly
59, 17.572, 311.612

Deuteranomaly
59, 16.865, 327.479

Tritanomaly
59, 21.089, 353.161

Monochromacy



Original Color
59, 26.497, 339.604

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 10.038, 338.029

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 26.497, 339.604 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, 127, 159)` looks like.

```
.text, #text, p{  
    color:rgb(178, 127, 159)  
}
```

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, 127, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 127, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 26.497, 339.604 is called "border". The border property can be set on classes, ids or directly on the HTML element.

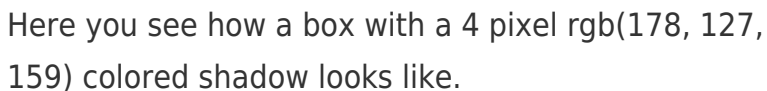
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 127, 159) }
```

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

```
.border{ border-color:rgb(178, 127, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 127, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 127, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 127, 159); box-shadow:4px 4px 4px 4px rgb(178, 127, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 26.497, 339.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 127, 159) }
```

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

```
.background{ background-color: rgb(178,  
127, 159) }
```

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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