

Converting Colors

CIELCh(59, 26.799, 341.425)

Have a look what the booklet for
CIELCh(59, 26.799, 341.425)
contains.

CIELCh(59, 27.079, 340.841)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(59, 27.079, 340.841)

Conversions

Conversions Part 1

Format	Color
Hex	B37E9E
RGB	179, 126, 158
RGB Percent	70%, 49%, 62%
CMY	0.2975, 0.5054, 0.3799
CMYK	0.00, 0.30, 0.12, 0.30
HSL	324°, 26%, 60%
HSV	324°, 30%, 70%
XYZ	32.2822, 27.0277, 35.9228
YIQ	145.4950, 21.3160, 21.1880

Conversions

Conversions Part 2

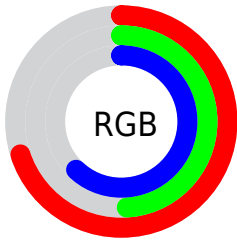
Format	Color
RYB	179, 126, 158
Decimal	11763358
CIELab	59.00, 25.58, -8.89
CIELCh	59, 27.079, 340.841
Yxy	27.0277, 0.3390, 0.2838
Android (android.graphics.Color)	4289953438 (0xFFB37E9E)
YUV	145.4950, 6.1650, 29.3839
Hunter-Lab	51.9882, 19.8606, -4.5764

Details

The CIELCh color $59, 27.079, 340.841$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $69, 26.533, 155.939$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 27.222, 340.194$, and $39, 27.176, 340.212$ is the 20% darker color. If you saturate the color by 10%, you get $55, 36.112, 341.817$, and if you desaturate by 10%, it is $64, 17.865, 339.957$.

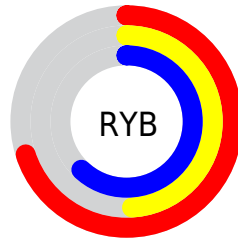
Distribution



Red (70%)

Green (49%)

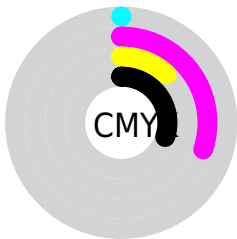
Blue (62%)



Red (70%)

Yellow (49%)

Blue (62%)

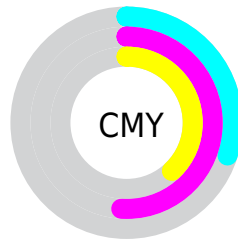


Cyan (0%)

Magenta (30%)

Yellow (12%)

Black (30%)



Cyan (30%)


Magenta (51%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 27.079, 340.841 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, 27.079, 340.841 by changing the saturation by 10% instead.


 59, 27.079,
340.841


 59, 27.079,
340.841


 100, 27.079,
340.841


 49, 27.079,
340.841


 79, 27.079,
340.841

 39, 27.079,
340.841

 89, 27.079,
340.841

 29, 27.079,
340.841

 99, 27.079,
340.841

 19, 27.079,
340.841

 9, 27.079, 340.841

 0, 27.079, 340.841

59, 27.079,
340.841

59, 27.079,
340.841

55, 36.112,
341.817

64, 17.865,
339.957

51, 44.681,
342.912

68, 8.677, 339.133

73, 0.361, 159.375

47, 52.402,
344.171

78, 9.175, 157.781

44, 58.825,
345.658

83, 17.727,
157.123

42, 63.515,
347.461

88, 26.004,
156.520

40, 66.186,
349.693


93, 34.006,
155.958

39, 67.149,
352.388

94, 33.477,
159.416

39, 67.185,

352.501

 94, 31.106,
164.434

Harmonies

Complementary

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



59, 27.079, 340.841



69, 26.533, 155.939

Rectangle

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



59, 27.079, 340.841



59, 27.079, 30.841



59, 27.079, 160.841



59, 27.079, 210.841

Sweetspot

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



59, 27.077, 340.842



87, 10.047, 339.098



56, 31.283, 306.590



46, 7.047, 339.215



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, 27.077, 340.842



71, 40.599, 341.515



58, 21.999, 12.847



35, 5.109, 339.111



33, 59.941, 352.088



2, 11.333, 344.062

Inverse Universe

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



59, 27.077, 340.842



71, 40.599, 341.515



69, 18.858, 187.447



35, 5.109, 339.111



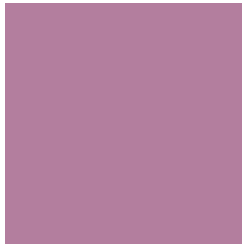
33, 59.941, 352.088



2, 11.333, 344.062

Previews

White Background



This preview shows how the CIELCh color 59, 27.079, 340.841 looks on a white background.

Color Contrast Check

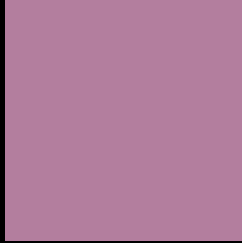
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.079, 340.841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

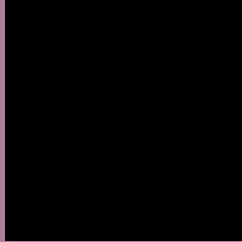
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 27.079, 340.841

Background



This preview shows how black text looks on a background with the CIELCh color 59, 27.079, 340.841.



This preview shows how white text looks on a background with the CIELCh color 59, 27.079, 340.841.

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, 27.079, 340.841

Protanopia

59, 15.338, 286.565

Deuteranopia

59, 11.230, 315.127



Tritanopia
59, 20.124, 5.513

Trichromacy



Original Color
59, 27.079, 340.841

Protanomaly
59, 17.044, 312.247

Deuteranomaly
59, 16.654, 329.756

Tritanomaly
59, 22.171, 354.849

Monochromacy



Original Color
59, 27.079, 340.841

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 9.675, 340.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 27.079, 340.841 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(179, 126, 158)` looks like.

```
.text, #text, p{  
    color:rgb(179, 126, 158)  
}
```

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(179, 126, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 126, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 27.079, 340.841 is called "border". The border property can be set on classes, ids or directly on the HTML element.

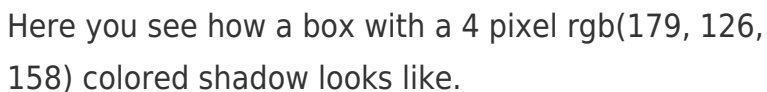
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 126, 158) }
```

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

```
.border{ border-color:rgb(179, 126, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 126, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 126, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 126, 158); box-shadow:4px 4px 4px 4px rgb(179, 126, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 27.079, 340.841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 126, 158) }
```

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

```
.background{ background-color: rgb(179,  
126, 158) }
```

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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