

Converting Colors

CIELCh(59, 26.310, 340.068)

Have a look what the booklet for
CIELCh(59, 26.310, 340.068)
contains.

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Color

CIELCh(59, 26.153, 340.552)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--|
| Hex | B27F9E |
| RGB | 178, 127, 158 |
| RGB Percent | 70%, 50%, 62% |
| CMY | 0.3028, 0.5027, 0.3812 |
| CMYK | 0.00, 0.29, 0.11, 0.30 |
| HSL | 324°, 25%, 60% |
| HSV | 324°, 29%, 70% |
| XYZ | 32.0279, 27.0277, 35.7831 |
| YIQ | 145.7830, 20.4450, 20.4530 |

Conversions

Conversions Part 2

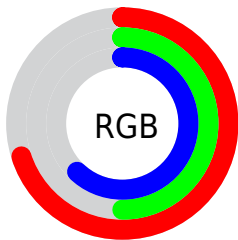
| Format | Color |
|-------------------------------------|------------------------------|
| R_YB | 178, 127, 158 |
| Decimal | 11698078 |
| CIE _{Lab} | 59.00, 24.66, -8.71 |
| CIE _{LCh} | 59, 26.153, 340.552 |
| Yxy | 27.0277, 0.3377, 0.2850 |
| Android (android.graphics.Color) | 4289888158 (0xFFB27F9E) |
| YUV | 145.7830, 6.0230, 28.2543 |
| Hunter-Lab | 51.9882, 18.9876, -4.4171 |

Details

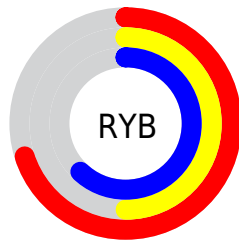
The CIELCh color $59, 26.153, 340.552$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $68, 25.652, 155.849$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 26.334, 339.935$, and $39, 26.502, 340.513$ is the 20% darker color. If you saturate the color by 10%, you get $55, 35.178, 341.511$, and if you desaturate by 10%, it is $64, 16.968, 339.681$.

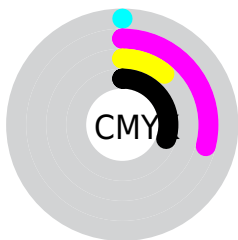
Distribution



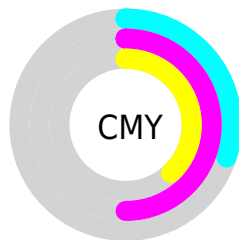
- Red (70%)
- Green (50%)
- Blue (62%)



- 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, 26.153, 340.552 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, 26.153, 340.552 by changing the saturation by 10% instead.


 59, 26.153,
340.552


 59, 26.153,
340.552


 100, 26.153,
340.552


 49, 26.153,
340.552


 79, 26.153,
340.552


 39, 26.153,
340.552

 89, 26.153,
340.552

 29, 26.153,
340.552

 99, 26.153,
340.552

 19, 26.153,
340.552

 9, 26.153, 340.552

 0, 26.153, 340.552

59, 26.153,
340.552

59, 26.153,
340.552

55, 35.178,
341.511

64, 16.968,
339.681

51, 43.771,
342.583

68, 7.820, 338.865

73, 1.171, 158.464

47, 51.556,
343.811

78, 9.935, 157.529

44, 58.091,
345.255

83, 18.437,
156.880

42, 62.936,
346.998

88, 26.666,
156.283

40, 65.786,
349.150


93, 34.622,
155.726

39, 66.830,
351.772

94, 34.284,
158.945

39, 66.942,

352.130

 94, 31.929,
163.713

Harmonies

Complementary

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



59, 26.153, 340.552



68, 25.652, 155.849

Rectangle

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



59, 26.153, 340.552



59, 26.153, 30.552



59, 26.153, 160.552



59, 26.153, 210.552

Sweetspot

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



59, 26.151, 340.553



87, 10.077, 338.904



57, 30.091, 306.529



46, 7.068, 339.020



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, 26.151, 340.553



72, 38.477, 341.108



58, 21.135, 12.720



35, 5.124, 338.917



33, 60.056, 351.742



2, 11.366, 343.832

Inverse Universe

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



59, 26.151, 340.553



72, 38.477, 341.108



69, 18.215, 187.525



35, 5.124, 338.917



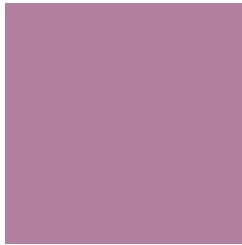
33, 60.056, 351.742



2, 11.366, 343.832

Previews

White Background



This preview shows how the CIELCh color 59, 26.153, 340.552 looks on a white background.

Color Contrast Check

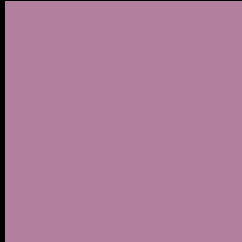
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.153, 340.552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

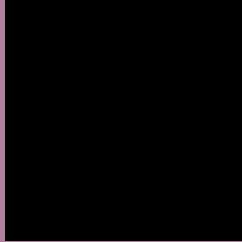
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 26.153, 340.552

Background



This preview shows how black text looks on a background with the CIELCh color 59, 26.153, 340.552.



This preview shows how white text looks on a background with the CIELCh color 59, 26.153, 340.552.

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, 26.153, 340.552

Protanopia

59, 14.776, 286.282

Deuteranopia

59, 11.230, 315.127



Tritanopia
59, 19.310, 4.703

Trichromacy



Original Color
59, 26.153, 340.552

Protanomaly
59, 17.044, 312.247

Deuteranomaly
59, 16.423, 328.662

Tritanomaly
59, 21.224, 355.115

Monochromacy



Original Color
59, 26.153, 340.552

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, 26.153, 340.552 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(178, 127, 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(178, 127, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 127, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 26.153, 340.552 is called "border". The border property can be set on classes, ids or directly on the HTML element.

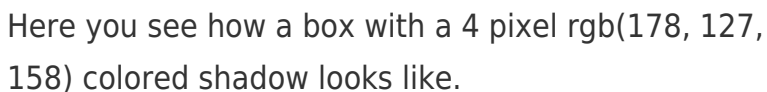
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 127, 158) }
```

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

```
.border{ border-color:rgb(178, 127, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 127, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 127, 158); box-shadow:4px 4px 4px 4px rgb(178, 127, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 26.153, 340.552 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, 158) }
```

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

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