

Converting Colors

CIELCh(59, 29.680, 327.723)

Have a look what the booklet for
CIELCh(59, 29.680, 327.723)
contains.

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Color

CIELCh(59, 29.680, 327.723)

Conversions

Conversions Part 1

Format	Color
Hex	AD7FAA
RGB	173, 127, 170
RGB Percent	68%, 50%, 67%
CMY	0.3209, 0.5014, 0.3327
CMYK	0.00, 0.27, 0.02, 0.32
HSL	304°, 22%, 59%
HSV	304°, 27%, 68%
XYZ	32.1476, 27.0277, 41.6303
YIQ	145.6560, 13.6130, 23.1250

Conversions

Conversions Part 2

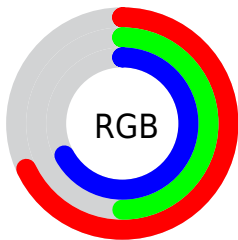
Format	Color
RYB	173, 127, 170
Decimal	11370410
CIELab	59.00, 25.09, -15.85
CIELCh	59, 29.680, 327.723
Yxy	27.0277, 0.3189, 0.2681
Android (android.graphics.Color)	4289560490 (0xFFAD7FAA)
YUV	145.6560, 12.0016, 23.9807
Hunter-Lab	51.9882, 19.3986, -11.0856

Details

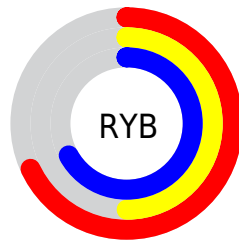
The CIELCh color $59, 29.680, 327.723$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $67, 29.655, 144.437$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 29.673, 327.946$, and $39, 29.922, 327.612$ is the 20% darker color. If you saturate the color by 10%, you get $55, 40.635, 328.279$, and if you desaturate by 10%, it is $63, 18.491, 327.156$.

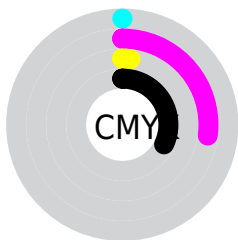
Distribution



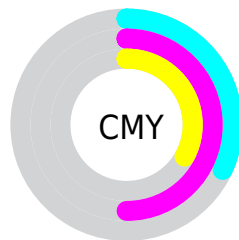
- Red (68%)
- Green (50%)
- Blue (67%)



- Red (68%)
- Yellow (50%)
- Blue (67%)



- Cyan (0%)
- Magenta (27%)
- Yellow (2%)
- Black (32%)





- Cyan (32%)
- Magenta (50%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 29.680, 327.723 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, 29.680, 327.723 by changing the saturation by 10% instead.


 59, 29.680,
327.723

 59, 29.680,
327.723


 100, 29.680,
327.723

 49, 29.680,
327.723

 79, 29.680,
327.723

 39, 29.680,
327.723

 89, 29.680,
327.723

 29, 29.680,
327.723

 99, 29.680,
327.723

 19, 29.680,
327.723

 9, 29.680, 327.723

 0, 29.680, 327.723

59, 29.680,
327.723

59, 29.680,
327.723

55, 40.635,
328.279

63, 18.491,
327.156

51, 51.061,
328.814

68, 7.294, 326.575

48, 60.571,
329.317

72, 3.765, 146.123

77, 14.591,
145.539

45, 68.726,
329.779

82, 25.132,
145.017

43, 75.102,
330.193

87, 35.360,
144.523

42, 79.396,
330.560

91, 45.269,
144.055

41, 81.606,
330.888

93, 48.694,
144.122

40, 82.166,

330.997

 93, 48.228,
144.517

Harmonies

Complementary

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



59, 29.680, 327.723



67, 29.655, 144.437

Rectangle

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



59, 29.680, 327.723



59, 29.680, 17.723



59, 29.680, 147.723



59, 29.680, 197.723

Sweetspot

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



59, 29.678, 327.723



85, 10.979, 326.669



55, 26.507, 294.987



44, 7.799, 326.756



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



59, 29.678, 327.723



72, 44.034, 328.058



58, 21.468, 348.946



34, 6.304, 326.738



35, 74.132, 330.964



2, 12.985, 327.102

Inverse Universe

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



59, 29.678, 327.723



72, 44.034, 328.058



67, 20.599, 163.989



34, 6.304, 326.738



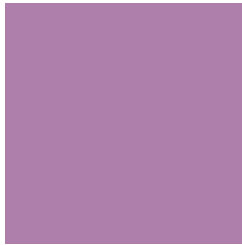
35, 74.132, 330.964



2, 12.985, 327.102

Previews

White Background



This preview shows how the CIELCh color 59, 29.680, 327.723 looks on a white background.

Color Contrast Check

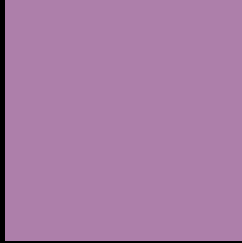
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.680, 327.723 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, 29.680, 327.723

Background



This preview shows how black text looks on a background with the CIELCh color 59, 29.680, 327.723.

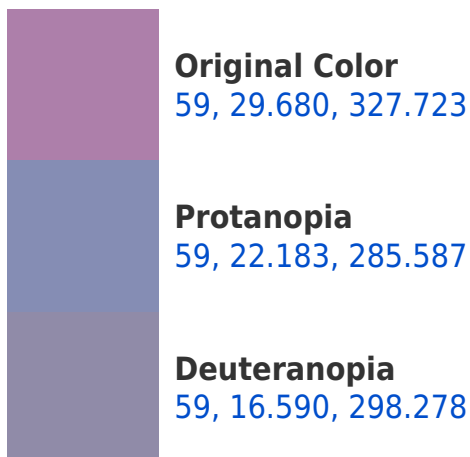


This preview shows how white text looks on a background with the CIELCh color 59, 29.680, 327.723.

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





Tritanopia
59, 15.961, 358.360

Trichromacy



Original Color
59, 29.680, 327.723

Protanomaly
59, 23.194, 303.255

Deuteranomaly
59, 20.728, 312.946

Tritanomaly
59, 20.508, 342.474

Monochromacy



Original Color
59, 29.680, 327.723

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 11.190, 326.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 29.680, 327.723 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(173, 127, 170)` looks like.

```
.text, #text, p{  
    color:rgb(173, 127, 170)  
}
```

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(173, 127, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 127, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 29.680, 327.723 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(173, 127, 170) }
```

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

```
.border{ border-color:rgb(173, 127, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 127, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 127, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 127, 170);  
box-shadow:4px 4px 4px 4px rgb(173, 127,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 29.680, 327.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 127, 170) }
```

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

```
.background{ background-color: rgb(173,  
127, 170) }
```

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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