

Converting Colors

CIELCh(59, 26.617, 318.803)

Have a look what the booklet for
CIELCh(59, 26.617, 318.803)
contains.

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Color

CIELCh(59, 26.605, 318.695)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A383AD |
| RGB | 163, 131, 173 |
| RGB Percent | 64%, 51%, 68% |
| CMY | 0.3609, 0.4863, 0.3216 |
| CMYK | 0.06, 0.24, 0.00, 0.32 |
| HSL | 286°, 20%, 60% |
| HSV | 286°, 24%, 68% |
| XYZ | 30.7542, 27.0277, 43.1203 |
| YIQ | 145.3560, 5.5900, 19.8460 |

Conversions

Conversions Part 2

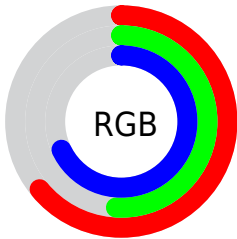
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 163, 131, 173 |
| Decimal | 10716077 |
| CIELab | 59.00, 19.99, -17.56 |
| CIELCh | 59, 26.605, 318.695 |
| Yxy | 27.0277, 0.3048, 0.2679 |
| Android (android.graphics.Color) | 4288906157 (0xFFA383AD) |
| YUV | 145.3560, 13.6285, 15.4738 |
| Hunter-Lab | 51.9882, 14.6143, -12.7849 |

Details

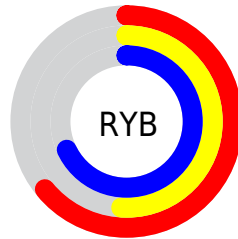
The CIELCh color **59, 26.605, 318.695** is a light color, and the websafe version is hex **996699**. A complement of this color would be **67, 26.243, 136.493**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 26.935, 318.312**, and **39, 27.058, 318.657** is the 20% darker color. If you saturate the color by 10%, you get **54, 37.691, 319.122**, and if you desaturate by 10%, it is **64, 15.534, 318.256**.

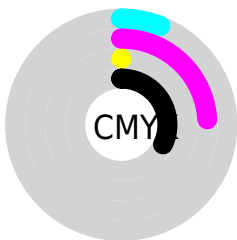
Distribution



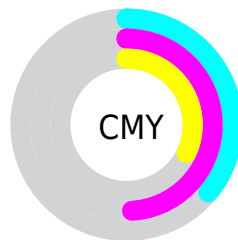
- Red (64%)
- Green (51%)
- Blue (68%)



- Red (64%)
- Yellow (51%)
- Blue (68%)



- Cyan (6%)
- Magenta (24%)
- Yellow (0%)
- Black (32%)





- Cyan (36%)
- Magenta (49%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 26.605, 318.695 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, 26.605, 318.695 by changing the saturation by 10% instead.


 59, 26.605,
318.695


 59, 26.605,
318.695


 100, 26.605,
318.695


 49, 26.605,
318.695


 79, 26.605,
318.695

 39, 26.605,
318.695

 89, 26.605,
318.695

 29, 26.605,
318.695

 99, 26.605,
318.695

 19, 26.605,
318.695

 9, 26.605, 318.695

 0, 26.605, 318.695

59, 26.605,
318.695

59, 26.605,
318.695

54, 37.691,
319.122

64, 15.534,
318.256

50, 48.594,
319.518

69, 4.614, 317.801

74, 6.079, 137.457

46, 59.012,
319.852

78, 16.501,
137.050

42, 68.539,
320.085

83, 26.633,
136.684

39, 76.676,
320.170

88, 36.468,
136.348

36, 82.913,
320.054


93, 46.012,
136.042

35, 86.887,
319.695

94, 46.996,
134.771

34, 88.543,

319.429

 95, 46.292,
133.238

Harmonies

Complementary

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



59, 26.605, 318.695



67, 26.243, 136.493

Rectangle

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



59, 26.605, 318.695



59, 26.605, 8.695



59, 26.605, 138.695



59, 26.605, 188.695

Sweetspot

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



59, 26.603, 318.695



85, 9.351, 317.936



59, 18.117, 280.574



45, 6.071, 317.962



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, 26.603, 318.695



72, 39.362, 318.921



60, 23.851, 333.938



34, 6.144, 318.035



29, 79.867, 319.518



2, 12.595, 315.135

Inverse Universe

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



59, 17.725, 2.921



72, 26.428, 3.622



67, 23.697, 150.554



34, 4.005, 1.193



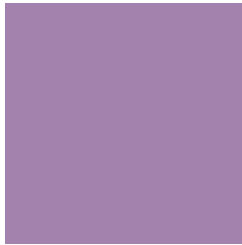
31, 60.756, 25.457



2, 8.135, 3.689

Previews

White Background



This preview shows how the CIELCh color 59, 26.605, 318.695 looks on a white background.

Color Contrast Check

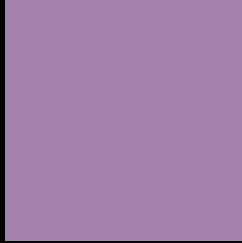
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.605, 318.695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

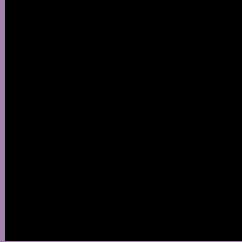
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 26.605, 318.695

Background



This preview shows how black text looks on a background with the CIELCh color 59, 26.605, 318.695.



This preview shows how white text looks on a background with the CIELCh color 59, 26.605, 318.695.

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, 26.605, 318.695

Protanopia

59, 22.218, 284.731

Deuteranopia

59, 18.193, 294.467



Tritanopia
59, 10.668, 348.576

Trichromacy



Original Color
59, 26.605, 318.695

Protanomaly
59, 22.867, 297.990

Deuteranomaly
59, 21.058, 305.260

Tritanomaly
59, 15.988, 329.914

Monochromacy



Original Color
59, 26.605, 318.695

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 9.688, 319.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 26.605, 318.695 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(163, 131, 173)` looks like.

```
.text, #text, p{  
    color:rgb(163, 131, 173)  
}
```

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(163, 131, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 131, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 26.605, 318.695 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(163, 131, 173) }
```

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

```
.border{ border-color:rgb(163, 131, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 131, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 131, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 131, 173);  
box-shadow:4px 4px 4px 4px rgb(163, 131,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 26.605, 318.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 131, 173) }
```

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

```
.background{ background-color: rgb(163,  
131, 173) }
```

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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