

Converting Colors

CIELCh(59, 30.723, 315.017)

Have a look what the booklet for
CIELCh(59, 30.723, 315.017)
contains.

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Color

CIELCh(59, 30.679, 314.987)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A282B4 |
| RGB | 162, 130, 180 |
| RGB Percent | 64%, 51%, 71% |
| CMY | 0.3639, 0.4894, 0.2933 |
| CMYK | 0.10, 0.28, 0.00, 0.29 |
| HSL | 278°, 25%, 61% |
| HSV | 278°, 28%, 71% |
| XYZ | 31.2141, 27.0277, 46.8679 |
| YIQ | 145.2680, 3.0220, 22.3340 |

Conversions

Conversions Part 2

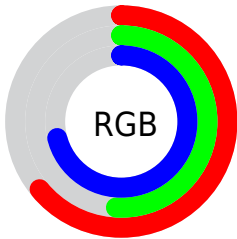
| Format | Color |
|-------------------------------------|--|
| RYB | 162, 130, 180 |
| Decimal | 10650292 |
| CIELab | 59.00, 21.69, -21.70 |
| CIElCh | 59, 30.679, 314.987 |
| Yxy | 27.0277, 0.2970, 0.2571 |
| Android (android.graphics.Color) | 4288840372 (0xFFA282B4) |
| YUV | 145.2680, 17.1229, 14.6740 |
| Hunter-Lab | 51.9882, 16.1933, -17.0587 |

Details

The CIELCh color **59, 30.679, 314.987** is a light color, and the websafe version is hex **996699**. A complement of this color would be **70, 29.900, 132.552**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 30.790, 314.816**, and **39, 30.889, 315.293** is the 20% darker color. If you saturate the color by 10%, you get **54, 41.983, 315.428**, and if you desaturate by 10%, it is **64, 19.441, 314.542**.

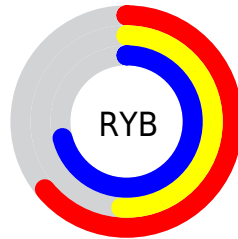
Distribution



Red (64%)

Green (51%)

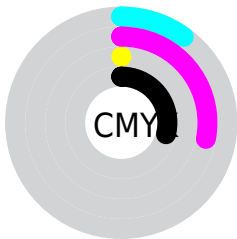
Blue (71%)



Red (64%)

Yellow (51%)

Blue (71%)

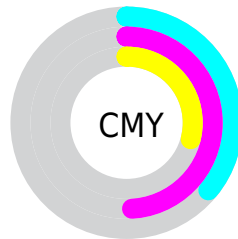


Cyan (10%)

Magenta (28%)

Yellow (0%)

Black (29%)



Cyan (36%)


Magenta (49%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 30.679, 314.987 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, 30.679, 314.987 by changing the saturation by 10% instead.


 59, 30.679,
314.987


 59, 30.679,
314.987


 100, 30.679,
314.987


 49, 30.679,
314.987


 79, 30.679,
314.987

 39, 30.679,
314.987

 89, 30.679,
314.987

 29, 30.679,
314.987

 99, 30.679,
314.987

 19, 30.679,
314.987

 9, 30.679, 314.987

 0, 30.679, 314.987

59, 30.679,
314.987

59, 30.679,
314.987

54, 41.983,
315.428

64, 19.441,
314.542

49, 53.162,
315.840

69, 8.395, 314.103

45, 63.907,
316.186

75, 2.395, 133.780

41, 73.773,
316.411

80, 12.895,
133.355

37, 82.186,
316.448

85, 23.093,
133.009

34, 88.533,
316.218

90, 32.988,
132.698


32, 92.541,
315.684

95, 41.794,
132.229

32, 93.346,

96, 40.797,
129.331

315.560

 96, 39.907,
126.243

Harmonies

Complementary

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



59, 30.679, 314.987



70, 29.900, 132.552

Rectangle

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



59, 30.679, 314.987



59, 30.679, 4.987



59, 30.679, 134.987



59, 30.679, 184.987

Sweetspot

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



59, 30.677, 314.987



88, 10.743, 314.120



61, 18.678, 272.588



46, 7.641, 314.186



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, 30.677, 314.987



72, 45.383, 315.245



61, 30.556, 329.947



35, 6.098, 314.172



26, 82.651, 315.693



2, 14.236, 310.118

Inverse Universe

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



60, 22.116, 354.811



73, 32.768, 355.581



69, 30.494, 146.336



35, 4.358, 352.739



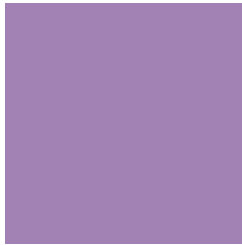
32, 58.326, 14.642



2, 9.922, 357.500

Previews

White Background



This preview shows how the CIELCh color 59, 30.679, 314.987 looks on a white background.

Color Contrast Check

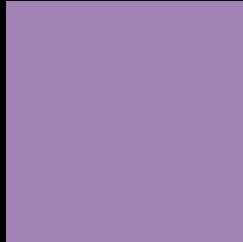
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.679, 314.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

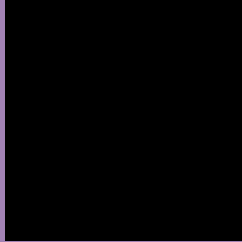
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 30.679, 314.987

Background



This preview shows how black text looks on a background with the CIELCh color 59, 30.679, 314.987.



This preview shows how white text looks on a background with the CIELCh color 59, 30.679, 314.987.

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, 30.679, 314.987

Protanopia

59, 27.331, 285.607

Deuteranopia

59, 22.126, 290.874



Tritanopia
59, 10.325, 343.446

Trichromacy



Original Color
59, 30.679, 314.987

Protanomaly
59, 27.937, 296.762

Deuteranomaly
59, 24.749, 301.010

Tritanomaly
59, 17.105, 325.272

Monochromacy



Original Color
59, 30.679, 314.987

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 11.054, 313.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 30.679, 314.987 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(162, 130, 180)` looks like.

```
.text, #text, p{  
    color:rgb(162, 130, 180)  
}
```

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(162, 130, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 130, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 30.679, 314.987 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(162, 130, 180) }
```

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

```
.border{ border-color:rgb(162, 130, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 130, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 130, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 130, 180);  
box-shadow:4px 4px 4px 4px rgb(162, 130,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 30.679, 314.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 130, 180) }
```

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

```
.background{ background-color: rgb(162,  
130, 180) }
```

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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