

Converting Colors

CIELCh(58, 35.646, 319.160)

Have a look what the booklet for
CIELCh(58, 35.646, 319.160)
contains.

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Color

CIELCh(58, 35.362, 319.179)

Conversions

Conversions Part 1

Format	Color
Hex	A77CB4
RGB	167, 124, 180
RGB Percent	65%, 49%, 71%
CMY	0.3447, 0.5134, 0.2938
CMYK	0.07, 0.31, 0.00, 0.29
HSL	286°, 27%, 60%
HSV	286°, 31%, 71%
XYZ	31.4213, 25.9610, 46.5832
YIQ	143.2410, 7.6520, 26.5320

Conversions

Conversions Part 2

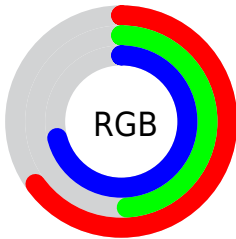
Format	Color
R _Y B	167, 124, 180
Decimal	10976436
CIE _{Lab}	58.00, 26.76, -23.12
CIE _{LCh}	58, 35.362, 319.179
Y _{xy}	25.9610, 0.3022, 0.2497
Android (android.graphics.Color)	4289166516 (0xFFA77CB4)
YUV	143.2410, 18.1222, 20.8366
Hunter-Lab	50.9519, 20.9125, -18.5400

Details

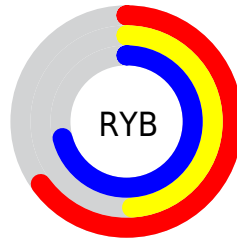
The CIELCh color **58, 35.362, 319.179** is a light color, and the websafe version is hex **996699**. A complement of this color would be **69, 34.775, 136.270**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 35.439, 319.299**, and **38, 35.583, 319.156** is the 20% darker color. If you saturate the color by 10%, you get **53, 46.718, 319.588**, and if you desaturate by 10%, it is **63, 23.879, 318.744**.

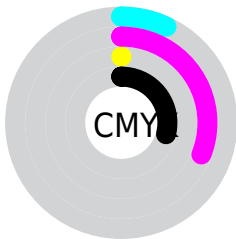
Distribution



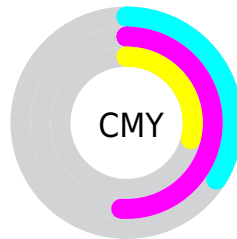
- Red (65%)
- Green (49%)
- Blue (71%)



- Red (65%)
- Yellow (49%)
- Blue (71%)



- Cyan (7%)
- Magenta (31%)
- Yellow (0%)
- Black (29%)





- Cyan (34%)
- Magenta (51%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 35.362, 319.179 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 58, 35.362, 319.179 by changing the saturation by 10% instead.


 58, 35.362,
319.179


 58, 35.362,
319.179


 100, 35.362,
319.179


 48, 35.362,
319.179


 78, 35.362,
319.179

 38, 35.362,
319.179

 88, 35.362,
319.179

 28, 35.362,
319.179

 98, 35.362,
319.179

 18, 35.362,
319.179

 8, 35.362, 319.179

 0, 35.362, 319.179

58, 35.362,
319.179

58, 35.362,
319.179

53, 46.718,
319.588

63, 23.879,
318.744

49, 57.670,
319.946

68, 12.461,
318.301

45, 67.828,
320.215

73, 1.226, 317.739

42, 76.696,
320.350

78, 9.757, 137.501

39, 83.739,
320.302

83, 20.451,
137.107

37, 88.517,
320.022

88, 30.841,
136.748

35, 91.149,
319.609

93, 40.924,
136.418

95, 43.044,
135.137

■ 95, 42.329,
133.430

Harmonies

Complementary

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



58, 35.362, 319.179



69, 34.775, 136.270

Rectangle

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



58, 35.362, 319.179



58, 35.362, 9.179



58, 35.362, 139.179



58, 35.362, 189.179

Sweetspot

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



58, 35.360, 319.179



87, 12.508, 318.214



58, 24.691, 282.812



45, 8.696, 318.278



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



58, 35.360, 319.179



70, 52.185, 319.451



59, 31.188, 335.112



35, 6.304, 318.221



30, 80.784, 319.708



2, 14.766, 315.015

Inverse Universe

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



58, 23.731, 4.306



71, 35.376, 5.319



69, 30.932, 150.523



35, 4.093, 1.640



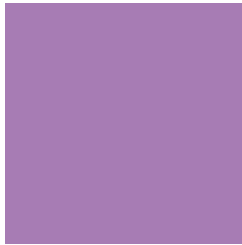
32, 61.764, 26.039



2, 9.493, 4.843

Previews

White Background



This preview shows how the CIELCh color 58, 35.362, 319.179 looks on a white background.

Color Contrast Check

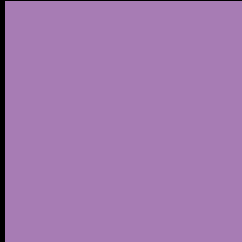
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 35.362, 319.179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

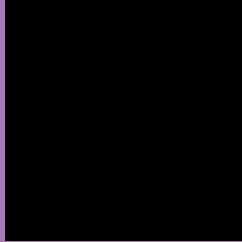
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 35.362, 319.179

Background



This preview shows how black text looks on a background with the CIELCh color 58, 35.362, 319.179.



This preview shows how white text looks on a background with the CIELCh color 58, 35.362, 319.179.

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
58, 12.822, 354.647

Trichromacy



Original Color
58, 35.362, 319.179

Protanomaly
58, 30.350, 298.014

Deuteranomaly
58, 27.270, 302.719

Tritanomaly
58, 20.121, 332.027

Monochromacy



Original Color
58, 35.362, 319.179

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 12.936, 319.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 35.362, 319.179 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(167, 124, 180)` looks like.

```
.text, #text, p{  
    color:rgb(167, 124, 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(167, 124, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 124, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 35.362, 319.179 is called "border". The border property can be set on classes, ids or directly on the HTML element.

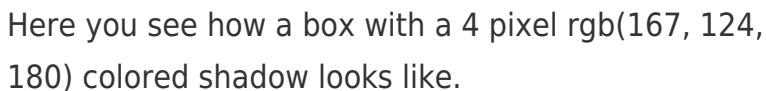
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 124, 180) }
```

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

```
.border{ border-color:rgb(167, 124, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 124, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 124, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 124, 180); box-shadow:4px 4px 4px 4px rgb(167, 124, 180) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 35.362, 319.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 124, 180) }
```

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

```
.background{ background-color: rgb(167,  
124, 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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