

Converting Colors

CIELCh(58, 59.245, 308.549)

Have a look what the booklet for
CIELCh(58, 59.245, 308.549)
contains.

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Color

CIELCh(58, 59.293, 308.668)

Conversions

Conversions Part 1

Format	Color
Hex	A177DD
RGB	161, 119, 221
RGB Percent	63%, 47%, 87%
CMY	0.3689, 0.5336, 0.1336
CMYK	0.27, 0.46, 0.00, 0.13
HSL	265°, 60%, 67%
HSV	265°, 46%, 87%
XYZ	34.3102, 25.9610, 71.5527
YIQ	143.1860, -7.7100, 40.6260

Conversions

Conversions Part 2

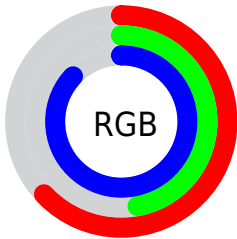
Format	Color
RYB	161, 119, 221
Decimal	10581981
CIELab	58.00, 37.05, -46.29
CIELCh	58, 59.293, 308.668
Yxy	25.9610, 0.2603, 0.1969
Android (android.graphics.Color)	4288772061 (0xFFA177DD)
YUV	143.1860, 38.3623, 15.6229
Hunter-Lab	50.9519, 31.0331, -47.5957

Details

The CIELCh color $58, 59.293, 308.668$ is a light color, and the websafe version is hex `9966CC`. A complement of this color would be $83, 54.566, 123.643$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $77, 47.183, 312.457$, and $38, 59.281, 308.637$ is the 20% darker color. If you saturate the color by 10%, you get $52, 72.589, 309.332$, and if you desaturate by 10%, it is $64, 45.940, 307.997$.

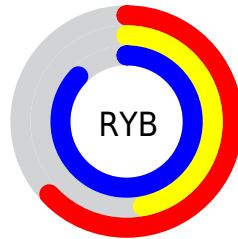
Distribution



Red (63%)

Green (47%)

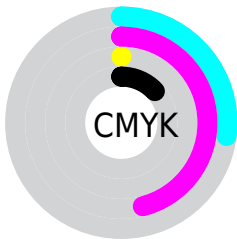
Blue (87%)



Red (63%)

Yellow (47%)

Blue (87%)

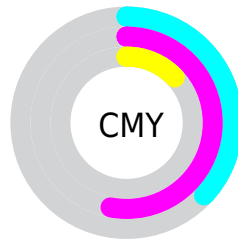


Cyan (27%)

Magenta (46%)

Yellow (0%)

Black (13%)



Cyan (37%)

Magenta (53%)

Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 59.293, 308.668 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, 59.293, 308.668 by changing the saturation by 10% instead.

 58, 59.293,
308.668

 58, 59.293,
308.668

 100, 59.293,
308.668

 48, 59.293,
308.668

 78, 59.293,
308.668

 38, 59.293,
308.668

 88, 59.293,
308.668

 28, 59.293,
308.668

 98, 59.293,
308.668

 18, 59.293,
308.668

 8, 59.293, 308.668

 0, 59.293, 308.668

58, 59.293,
308.668

58, 59.293,
308.668

52, 72.589,
309.332

64, 45.940,
307.997

46, 85.385,
309.923

71, 32.782,
307.355

41, 96.958,
310.344

77, 19.947,
306.760

37, 106.308,
310.458

84, 7.492, 306.216

91, 4.564, 125.772

34, 112.441,
310.131

97, 16.224,
125.337

33, 114.237,
309.954

99, 17.285,
112.648

99, 17.236,
108.874

Harmonies

Complementary

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



58, 59.293, 308.668



83, 54.566, 123.643

Rectangle

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



58, 59.293, 308.668



58, 59.293, 358.668



58, 59.293, 128.668



58, 59.293, 178.668

Sweetspot

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



58, 59.292, 308.668



90, 19.344, 306.644



71, 28.091, 251.546



46, 13.400, 306.767



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 59.292, 308.668



60, 79.835, 309.285



64, 63.179, 323.866



43, 6.890, 306.389



25, 95.158, 310.129



3, 30.666, 306.035

Inverse Universe

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



63, 49.087, 343.420



68, 64.483, 344.593



81, 62.805, 138.597



43, 5.990, 339.868



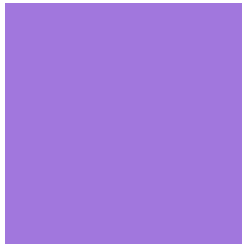
38, 65.172, 353.750



6, 26.164, 348.239

Previews

White Background



This preview shows how the CIELCh color 58, 59.293, 308.668 looks on a white background.

Color Contrast Check

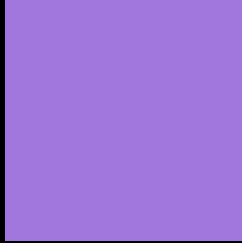
Large Text (above 18pt) WCAG AA ✓ Pass

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, 59.293, 308.668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

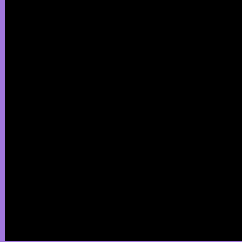
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 59.293, 308.668

Background



This preview shows how black text looks on a background with the CIELCh color 58, 59.293, 308.668.

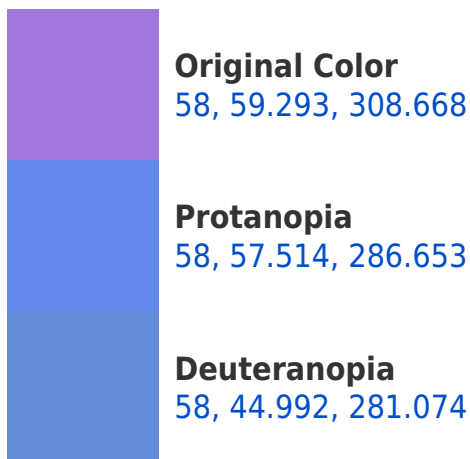


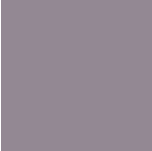
This preview shows how white text looks on a background with the CIELCh color 58, 59.293, 308.668.

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, 7.604, 324.813

Trichromacy



Original Color
58, 59.293, 308.668

Protanomaly
58, 57.313, 293.659

Deuteranomaly
58, 48.874, 292.170

Tritanomaly
58, 26.401, 310.259

Monochromacy



Original Color
58, 59.293, 308.668

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 21.918, 307.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 59.293, 308.668 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(161, 119, 221)` looks like.

```
.text, #text, p{  
    color:rgb(161, 119, 221)  
}
```

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(161, 119, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 119, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 59.293, 308.668 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(161, 119, 221) }
```

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

```
.border{ border-color:rgb(161, 119, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 119, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 119, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 119, 221);  
box-shadow:4px 4px 4px 4px rgb(161, 119,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 59.293, 308.668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 119, 221) }
```

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

```
.background{ background-color: rgb(161,  
119, 221) }
```

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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