

Converting Colors

CIELCh(59, 57.117, 301.046)

Have a look what the booklet for
CIELCh(59, 57.117, 301.046)
contains.

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Color

CIELCh(59, 56.919, 301.138)

Conversions

Conversions Part 1

Format	Color
Hex	9180E4
RGB	145, 128, 228
RGB Percent	57%, 50%, 89%
CMY	0.4317, 0.4983, 0.1062
CMYK	0.36, 0.44, 0.00, 0.11
HSL	250°, 65%, 70%
HSV	250°, 44%, 89%
XYZ	33.3639, 27.0277, 76.7963
YIQ	144.4830, -21.9680, 34.7040

Conversions

Conversions Part 2

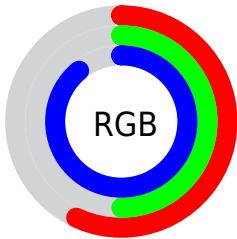
Format	Color
RYB	145, 128, 228
Decimal	9535716
CIELab	59.00, 29.43, -48.72
CIELCh	59, 56.919, 301.138
Yxy	27.0277, 0.2432, 0.1970
Android (android.graphics.Color)	4287725796 (0xFF9180E4)
YUV	144.4830, 41.1739, 0.4534
Hunter-Lab	51.9882, 23.5747, -51.1906

Details

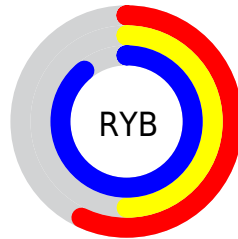
The CIELCh color **59, 56.919, 301.138** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **87, 51.031, 113.697**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 40.443, 303.241**, and **39, 56.675, 301.027** is the 20% darker color. If you saturate the color by 10%, you get **52, 71.066, 302.471**, and if you desaturate by 10%, it is **66, 43.123, 299.926**.

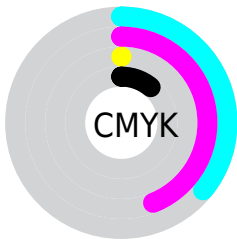
Distribution



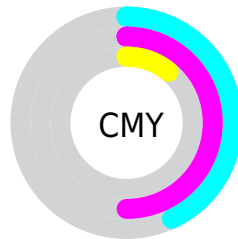
- Red (57%)
- Green (50%)
- Blue (89%)



- Red (57%)
- Yellow (50%)
- Blue (89%)



- Cyan (36%)
- Magenta (44%)
- Yellow (0%)
- Black (11%)





- Cyan (43%)
- Magenta (50%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 56.919, 301.138 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, 56.919, 301.138 by changing the saturation by 10% instead.


 59, 56.919,
301.138


 59, 56.919,
301.138


 100, 56.919,
301.138


 49, 56.919,
301.138


 79, 56.919,
301.138


 39, 56.919,
301.138

 89, 56.919,
301.138

 29, 56.919,
301.138

 99, 56.919,
301.138

 19, 56.919,
301.138

 9, 56.919, 301.138

 0, 56.919, 301.138

59, 56.919,
301.138

59, 56.919,
301.138

52, 71.066,
302.471

66, 43.123,
299.926

45, 85.250,
303.865

73, 29.802,
298.854

39, 98.786,
305.198

81, 16.982,
297.920

34, 110.428,
306.266

88, 4.656, 297.114

31, 118.512,
306.823

95, 7.203, 116.421

29, 121.647,
306.945

99, 13.705,
109.142

Harmonies

Complementary

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



59, 56.919, 301.138



87, 51.031, 113.697

Rectangle

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



59, 56.919, 301.138



59, 56.919, 351.138



59, 56.919, 121.138



59, 56.919, 171.138

Sweetspot

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



59, 56.918, 301.138



90, 17.406, 297.852



80, 26.545, 217.478



46, 12.232, 298.046



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 56.918, 301.138



58, 76.520, 302.396



64, 59.359, 316.552



44, 6.934, 297.550



22, 101.183, 307.038



3, 34.035, 300.822

Inverse Universe

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



67, 56.225, 332.293



70, 72.914, 332.932



84, 57.178, 132.519



45, 7.385, 330.050



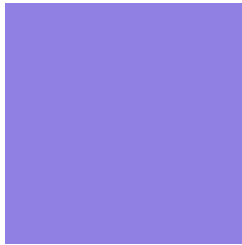
41, 77.476, 336.359



8, 33.167, 334.905

Previews

White Background



This preview shows how the CIELCh color 59, 56.919, 301.138 looks on a white background.

Color Contrast Check

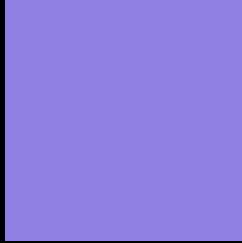
Large Text (above 18pt) WCAG AA ✓ Pass

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, 56.919, 301.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

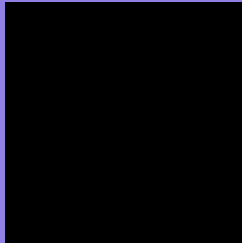
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 56.919, 301.138

Background



This preview shows how black text looks on a background with the CIELCh color 59, 56.919, 301.138.

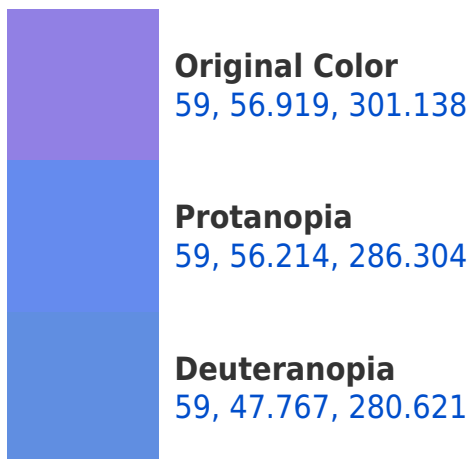


This preview shows how white text looks on a background with the CIELCh color 59, 56.919, 301.138.

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, 8.617, 251.422

Trichromacy



Original Color
59, 56.919, 301.138

Protanomaly
59, 55.991, 291.210

Deuteranomaly
59, 50.481, 288.426

Tritanomaly
59, 24.984, 290.649

Monochromacy



Original Color
59, 56.919, 301.138

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 21.152, 298.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 56.919, 301.138 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(145, 128, 228)` looks like.

```
.text, #text, p{  
    color:rgb(145, 128, 228)  
}
```

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(145, 128, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 128, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 56.919, 301.138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

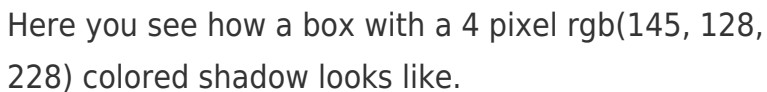
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 128, 228) }
```

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

```
.border{ border-color:rgb(145, 128, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 128, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 128, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 128, 228); box-shadow:4px 4px 4px 4px rgb(145, 128, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 56.919, 301.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 128, 228) }
```

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

```
.background{ background-color: rgb(145,  
128, 228) }
```

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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