

Converting Colors

CIELCh(59, 75.317, 304.007)

Have a look what the booklet for
CIELCh(59, 75.317, 304.007)
contains.

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Color

CIELCh(59, 75.388, 304.028)

Conversions

Conversions Part 1

Format	Color
Hex	9778FD
RGB	151, 120, 253
RGB Percent	59%, 47%, 99%
CMY	0.4086, 0.5301, 0.0087
CMYK	0.40, 0.53, 0.00, 0.01
HSL	254°, 97%, 73%
HSV	254°, 53%, 99%
XYZ	37.1157, 27.0277, 96.0158
YIQ	144.4310, -24.2170, 47.9350

Conversions

Conversions Part 2

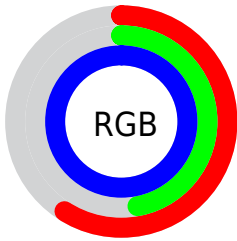
Format	Color
R _Y B	151, 120, 253
Decimal	9926909
CIE Lab	59.00, 42.19, -62.48
CIE LCh	59, 75.388, 304.028
Yxy	27.0277, 0.2317, 0.1688
Android (android.graphics.Color)	4288116989 (0xFF9778FD)
YUV	144.4310, 53.5245, 5.7610
Hunter-Lab	51.9882, 36.4564, -73.1095

Details

The CIELCh color **59, 75.388, 304.028** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **95, 66.171, 115.963**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 45.894, 309.057**, and **39, 75.312, 304.122** is the 20% darker color. If you saturate the color by 10%, you get **52, 90.618, 305.185**, and if you desaturate by 10%, it is **66, 60.140, 302.905**.

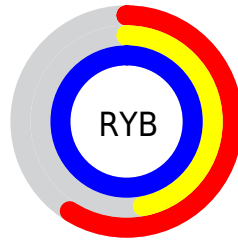
Distribution



Red (59%)

Green (47%)

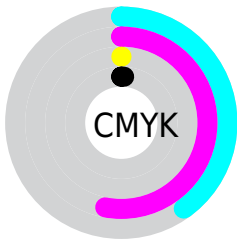
Blue (99%)



Red (59%)

Yellow (47%)

Blue (99%)

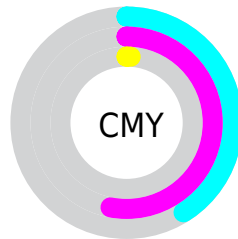


Cyan (40%)

Magenta (53%)

Yellow (0%)

Black (1%)



Cyan (41%)


Magenta (53%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 75.388, 304.028 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, 75.388, 304.028 by changing the saturation by 10% instead.


 59, 75.388,
304.028

 59, 75.388,
304.028


 100, 75.388,
304.028


 49, 75.388,
304.028


 79, 75.388,
304.028

 39, 75.388,
304.028

 89, 75.388,
304.028

 29, 75.388,
304.028

 99, 75.388,
304.028

 19, 75.388,
304.028

 9, 75.388, 304.028

 0, 75.388, 304.028

59, 75.388,
304.028

59, 75.388,
304.028

52, 90.618,
305.185

66, 60.140,
302.905

45, 105.128,
306.268

74, 45.220,
301.870

40, 117.689,
307.100

82, 30.770,
300.945

36, 126.655,
307.463

90, 16.837,
300.132

34, 130.631,
307.418

97, 3.419, 299.419

100, 1.108,
110.025

Harmonies

Complementary

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



59, 75.388, 304.028



95, 66.171, 115.963

Rectangle

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



59, 75.388, 304.028



59, 75.388, 354.028



59, 75.388, 124.028



59, 75.388, 174.028

Sweetspot

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



59, 75.387, 304.029



88, 21.666, 300.396



84, 32.439, 225.894



45, 14.684, 300.563



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, 75.387, 304.029



52, 91.863, 305.234



66, 77.486, 318.435



49, 7.607, 299.902



25, 105.723, 307.542



4, 44.624, 306.217

Inverse Universe

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



69, 68.975, 335.466



65, 80.302, 336.353



91, 74.855, 133.492



50, 7.700, 332.293



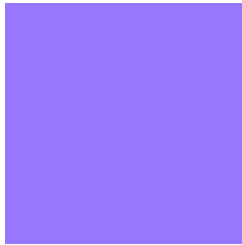
43, 77.782, 340.269



11, 36.522, 338.490

Previews

White Background



This preview shows how the CIELCh color 59, 75.388, 304.028 looks on a white background.

Color Contrast Check

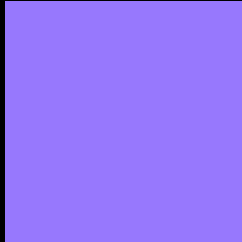
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 59, 75.388, 304.028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

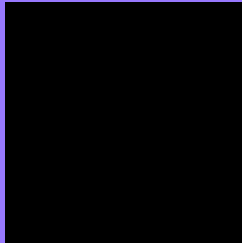
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 75.388, 304.028

Background



This preview shows how black text looks on a background with the CIELCh color 59, 75.388, 304.028.



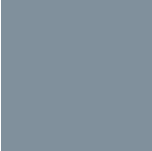
This preview shows how white text looks on a background with the CIELCh color 59, 75.388, 304.028.

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, 8.837, 249.598

Trichromacy



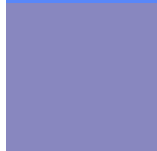
Original Color
59, 75.388, 304.028



Protanomaly
59, 69.455, 293.094



Deuteranomaly
58, 64.778, 287.682



Tritanomaly
58, 31.861, 294.322

Monochromacy



Original Color
59, 75.388, 304.028



Achromatopsia
60, 0.008, 296.813



Achromatomaly
59, 28.177, 300.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 75.388, 304.028 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(151, 120, 253)` looks like.

```
.text, #text, p{  
    color:rgb(151, 120, 253)  
}
```

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(151, 120, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 120, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 75.388, 304.028 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(151, 120, 253) }
```

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

```
.border{ border-color:rgb(151, 120, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 120, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 120, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 120, 253);  
box-shadow:4px 4px 4px 4px rgb(151, 120,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 75.388, 304.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 120, 253) }
```

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

```
.background{ background-color: rgb(151,  
120, 253) }
```

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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