

Converting Colors

CIELCh(59, 70.470, 305.145)

Have a look what the booklet for
CIELCh(59, 70.470, 305.145)
contains.

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Color

CIELCh(59, 70.668, 305.206)

Conversions

Conversions Part 1

Format	Color
Hex	9B78F4
RGB	155, 120, 244
RGB Percent	61%, 47%, 96%
CMY	0.3912, 0.5285, 0.0421
CMYK	0.36, 0.51, 0.00, 0.04
HSL	257°, 85%, 71%
HSV	257°, 51%, 96%
XYZ	36.6770, 27.0277, 89.0754
YIQ	144.6010, -18.9440, 45.9840

Conversions

Conversions Part 2

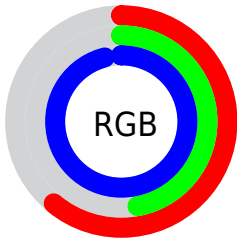
Format	Color
R _{YB}	155, 120, 244
Decimal	10189044
CIE Lab	59.00, 40.74, -57.74
CIE LCh	59, 70.668, 305.206
Yxy	27.0277, 0.2401, 0.1769
Android (android.graphics.Color)	4288379124 (0xFF9B78F4)
YUV	144.6010, 49.0037, 9.1199
Hunter-Lab	51.9882, 34.9501, -65.1943

Details

The CIELCh color $59, 70.668, 305.206$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $92, 62.877, 118.193$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $77, 46.127, 310.262$, and $39, 70.833, 305.205$ is the 20% darker color. If you saturate the color by 10%, you get $52, 85.361, 306.196$, and if you desaturate by 10%, it is $66, 55.958, 304.238$.

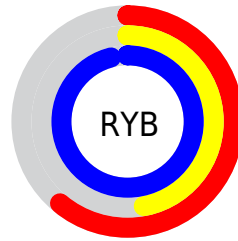
Distribution



Red (61%)

Green (47%)

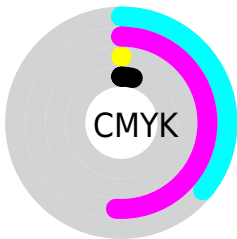
Blue (96%)



Red (61%)

Yellow (47%)

Blue (96%)

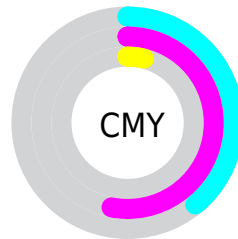


Cyan (36%)

Magenta (51%)

Yellow (0%)

Black (4%)



Cyan (39%)


Magenta (53%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 70.668, 305.206 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, 70.668, 305.206 by changing the saturation by 10% instead.


 59, 70.668,
305.206


 59, 70.668,
305.206


 100, 70.668,
305.206


 49, 70.668,
305.206


 79, 70.668,
305.206

 39, 70.668,
305.206

 89, 70.668,
305.206

 29, 70.668,
305.206

 99, 70.668,
305.206

 19, 70.668,
305.206

 9, 70.668, 305.206

 0, 70.668, 305.206

59, 70.668,
305.206

59, 70.668,
305.206

52, 85.361,
306.196

66, 55.958,
304.238

46, 99.433,
307.116

74, 41.540,
303.338

40, 111.838,
307.817

81, 27.550,
302.526

36, 121.137,
308.107

88, 14.036,
301.807

34, 126.317,
307.956

96, 1.005, 301.135

100, 5.436,
109.757

Harmonies

Complementary

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



59, 70.668, 305.206



92, 62.877, 118.193

Rectangle

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



59, 70.668, 305.206



59, 70.668, 355.206



59, 70.668, 125.206



59, 70.668, 175.206

Sweetspot

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



59, 70.667, 305.206



89, 20.383, 302.102



80, 30.725, 233.223



46, 13.959, 302.255



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, 70.667, 305.206



54, 88.732, 306.231



65, 73.346, 319.929



47, 7.398, 301.721



25, 102.817, 308.100



4, 40.782, 306.217

Inverse Universe

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



68, 62.980, 337.486



66, 75.906, 338.492



88, 71.540, 134.955



48, 7.188, 334.194



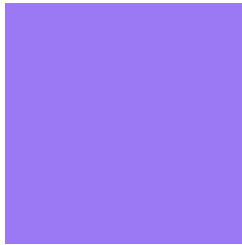
41, 73.699, 343.616



10, 33.614, 341.037

Previews

White Background



This preview shows how the CIELCh color 59, 70.668, 305.206 looks on a white background.

Color Contrast Check

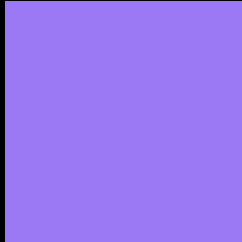
Large Text (above 18pt) WCAG AA ✓ Pass

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, 70.668, 305.206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

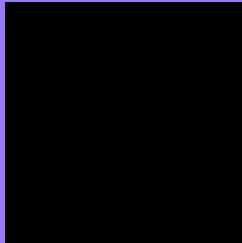
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 70.668, 305.206

Background



This preview shows how black text looks on a background with the CIELCh color 59, 70.668, 305.206.



This preview shows how white text looks on a background with the CIELCh color 59, 70.668, 305.206.

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, 7.115, 272.666

Trichromacy



Original Color
59, 70.668, 305.206

Protanomaly
59, 67.188, 292.836

Deuteranomaly
59, 60.113, 288.960

Tritanomaly
58, 30.372, 299.273

Monochromacy



Original Color
59, 70.668, 305.206

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 26.025, 303.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 70.668, 305.206 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(155, 120, 244)` looks like.

```
.text, #text, p{  
    color:rgb(155, 120, 244)  
}
```

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(155, 120, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 120, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 70.668, 305.206 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(155, 120, 244) }
```

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

```
.border{ border-color:rgb(155, 120, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 120, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 120, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 120, 244);  
box-shadow:4px 4px 4px 4px rgb(155, 120,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 70.668, 305.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 120, 244) }
```

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

```
.background{ background-color: rgb(155,  
120, 244) }
```

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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