

Converting Colors

CIELCh(59, 67.177, 311.522)

Have a look what the booklet for
CIELCh(59, 67.177, 311.522)
contains.

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Color

CIELCh(59, 66.868, 311.476)

Conversions

Conversions Part 1

Format	Color
Hex	AD74E7
RGB	173, 116, 231
RGB Percent	68%, 45%, 91%
CMY	0.3228, 0.5462, 0.0953
CMYK	0.25, 0.50, 0.00, 0.10
HSL	270°, 70%, 68%
HSV	270°, 50%, 90%
XYZ	37.7593, 27.0277, 78.5978
YIQ	146.1530, -2.9430, 47.8490

Conversions

Conversions Part 2

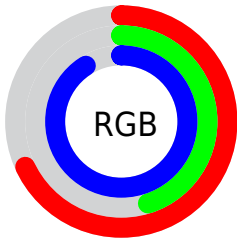
Format	Color
R_{YB}	173, 116, 231
Decimal	11367655
CIE _{Lab}	59.00, 44.29, -50.10
CIE _{LCh}	59, 66.868, 311.476
Yxy	27.0277, 0.2633, 0.1885
Android (android.graphics.Color)	4289557735 (0xFFAD74E7)
YUV	146.1530, 41.8296, 23.5448
Hunter-Lab	51.9882, 38.6660, -53.2452

Details

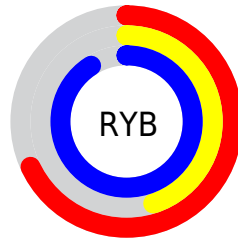
The CIELCh color **59, 66.868, 311.476** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **86, 62.031, 126.599**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 50.413, 317.853**, and **39, 67.236, 311.391** is the 20% darker color. If you saturate the color by 10%, you get **53, 80.230, 311.964**, and if you desaturate by 10%, it is **65, 53.131, 310.933**.

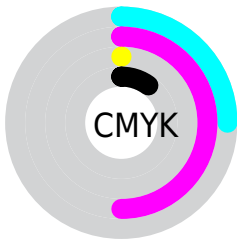
Distribution



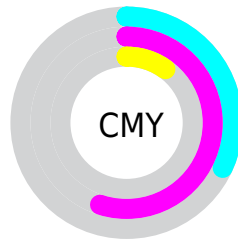
- Red (68%)
- Green (45%)
- Blue (91%)



- Red (68%)
- Yellow (45%)
- Blue (91%)



- Cyan (25%)
- Magenta (50%)
- Yellow (0%)
- Black (10%)



- Cyan (32%)
- Magenta (55%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 66.868, 311.476 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, 66.868, 311.476 by changing the saturation by 10% instead.


 59, 66.868,
311.476

 59, 66.868,
311.476


 100, 66.868,
311.476

 49, 66.868,
311.476


 79, 66.868,
311.476

 39, 66.868,
311.476

 89, 66.868,
311.476

 29, 66.868,
311.476

 99, 66.868,
311.476

 19, 66.868,
311.476

 9, 66.868, 311.476

 0, 66.868, 311.476

■ 59, 66.868,
311.476

■ 59, 66.868,
311.476

■ 53, 80.230,
311.964

■ 65, 53.131,
310.933

■ 48, 92.635,
312.324

■ 72, 39.391,
310.381

■ 43, 103.250,
312.456

■ 78, 25.858,
309.849

■ 39, 111.113,
312.241

■ 85, 12.644,
309.349

■ 37, 115.897,
311.646

■ 92, 0.197, 129.568

■ 37, 115.968,
311.636

■ 98, 12.644,
128.512

■ 99, 12.311,
110.674

■ 99, 12.304,
109.247

Harmonies

Complementary

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



59, 66.868, 311.476



86, 62.031, 126.599

Rectangle

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



59, 66.868, 311.476



59, 66.868, 1.476



59, 66.868, 131.476



59, 66.868, 181.476

Sweetspot

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



59, 66.867, 311.476



89, 21.069, 309.607



70, 34.052, 263.046



46, 14.417, 309.714



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, 66.867, 311.476



58, 87.236, 311.986



66, 71.226, 326.542



45, 7.266, 309.330



28, 95.546, 311.825



4, 35.599, 310.878

Inverse Universe

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



64, 52.041, 348.763



65, 66.336, 350.508



83, 71.505, 140.017



45, 5.870, 344.159



38, 64.908, 1.464



7, 27.656, 354.598

Previews

White Background



This preview shows how the CIELCh color 59, 66.868, 311.476 looks on a white background.

Color Contrast Check

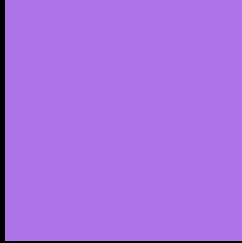
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66.868, 311.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

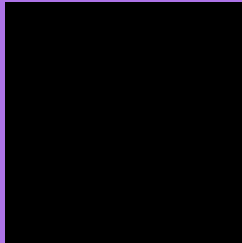
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 66.868, 311.476

Background



This preview shows how black text looks on a background with the CIELCh color 59, 66.868, 311.476.



This preview shows how white text looks on a background with the CIELCh color 59, 66.868, 311.476.

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, 10.641, 344.782

Trichromacy



Original Color
59, 66.868, 311.476



Protanomaly
58, 64.466, 294.481



Deuteranomaly
58, 53.842, 293.607



Tritanomaly
59, 29.957, 317.141

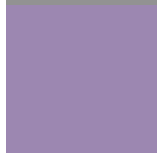
Monochromacy



Original Color
59, 66.868, 311.476



Achromatopsia
61, 0.008, 296.813



Achromatomaly
59, 25.074, 310.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 66.868, 311.476 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(173, 116, 231)` looks like.

```
.text, #text, p{  
    color:rgb(173, 116, 231)  
}
```

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(173, 116, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 116, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 66.868, 311.476 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(173, 116, 231) }
```

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

```
.border{ border-color:rgb(173, 116, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 116, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 116, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 116, 231);  
box-shadow:4px 4px 4px 4px rgb(173, 116,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 66.868, 311.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 116, 231) }
```

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

```
.background{ background-color: rgb(173,  
116, 231) }
```

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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