

Converting Colors

CIELCh(59, 66.796, 306.958)

Have a look what the booklet for
CIELCh(59, 66.796, 306.958)
contains.

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Color

CIELCh(59, 66.543, 306.874)

Conversions

Conversions Part 1

Format	Color
Hex	A078EC
RGB	160, 120, 236
RGB Percent	63%, 47%, 93%
CMY	0.3719, 0.5288, 0.0738
CMYK	0.32, 0.49, 0.00, 0.07
HSL	261°, 75%, 70%
HSV	261°, 49%, 93%
XYZ	36.4322, 27.0277, 82.7862
YIQ	145.1840, -13.3960, 44.5560

Conversions

Conversions Part 2

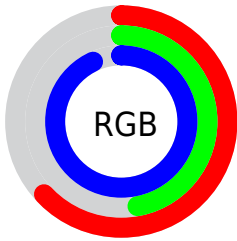
Format	Color
RYB	160, 120, 236
Decimal	10516716
CIELab	59.00, 39.93, -53.23
CIELCh	59, 66.543, 306.874
Yxy	27.0277, 0.2491, 0.1848
Android (android.graphics.Color)	4288706796 (0xFFA078EC)
YUV	145.1840, 44.7723, 12.9936
Hunter-Lab	51.9882, 34.1095, -58.0218

Details

The CIELCh color $59, 66.543, 306.874$ is a light color, and the websafe version is hex `9966CC`. A complement of this color would be $89, 60.110, 120.868$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $77, 46.467, 311.862$, and $39, 66.371, 306.862$ is the 20% darker color. If you saturate the color by 10%, you get $52, 80.687, 307.686$, and if you desaturate by 10%, it is $66, 52.343, 306.065$.

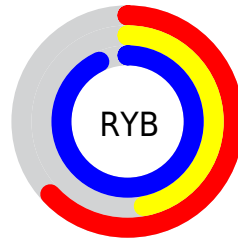
Distribution



Red (63%)

Green (47%)

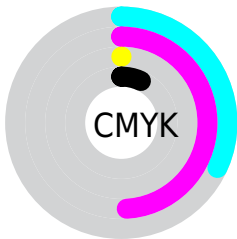
Blue (93%)



Red (63%)

Yellow (47%)

Blue (93%)

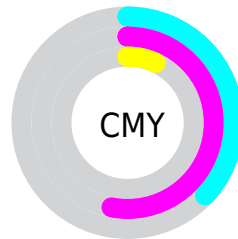


Cyan (32%)

Magenta (49%)

Yellow (0%)

Black (7%)



Cyan (37%)


Magenta (53%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 66.543, 306.874 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, 66.543, 306.874 by changing the saturation by 10% instead.


 59, 66.543,
306.874


 59, 66.543,
306.874


 100, 66.543,
306.874


 49, 66.543,
306.874


 79, 66.543,
306.874

 39, 66.543,
306.874

 89, 66.543,
306.874

 29, 66.543,
306.874

 99, 66.543,
306.874

 19, 66.543,
306.874

 9, 66.543, 306.874

 0, 66.543, 306.874

59, 66.543,
306.874

59, 66.543,
306.874

52, 80.687,
307.686

66, 52.343,
306.065

46, 94.235,
308.421

73, 38.378,
305.301

41, 106.286,
308.955

80, 24.788,
304.603

37, 115.607,
309.124

87, 11.628,
303.977

34, 121.348,
308.832

94, 1.086, 123.501

34, 121.783,
308.806

99, 9.565, 113.751

100, 9.529,
109.456

Harmonies

Complementary

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



59, 66.543, 306.874



89, 60.110, 120.868

Rectangle

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



59, 66.543, 306.874



59, 66.543, 356.874



59, 66.543, 126.874



59, 66.543, 176.874

Sweetspot

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



59, 66.542, 306.874



89, 20.549, 304.340



76, 29.819, 242.899



46, 14.070, 304.476



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, 66.542, 306.874



56, 85.688, 307.695



65, 69.863, 321.937



45, 7.205, 303.997



25, 99.591, 308.972



4, 36.874, 306.545

Inverse Universe

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



66, 57.162, 340.302



66, 71.107, 341.445



85, 68.871, 136.765



46, 6.638, 336.805



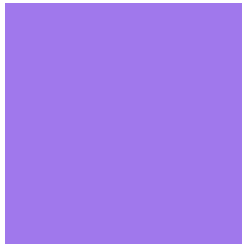
40, 69.499, 348.290



8, 30.682, 344.450

Previews

White Background



This preview shows how the CIELCh color 59, 66.543, 306.874 looks on a white background.

Color Contrast Check

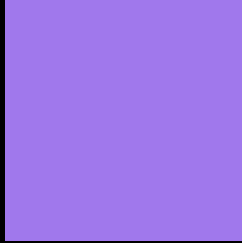
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66.543, 306.874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

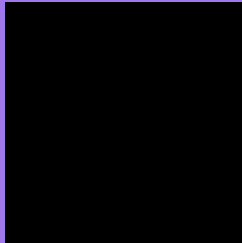
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 66.543, 306.874

Background



This preview shows how black text looks on a background with the CIELCh color 59, 66.543, 306.874.

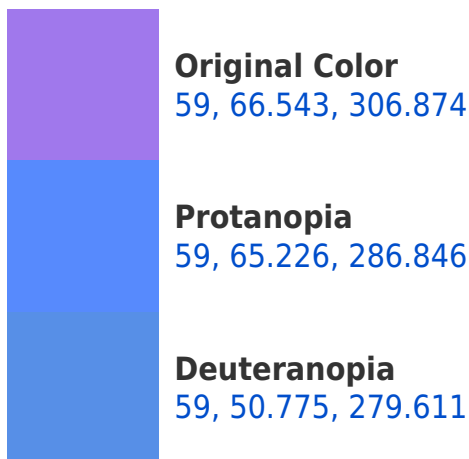



This preview shows how white text looks on a background with the CIELCh color 59, 66.543, 306.874.

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, 6.366, 301.203

Trichromacy



Original Color
59, 66.543, 306.874



Protanomaly
59, 64.961, 293.030



Deuteranomaly
59, 55.500, 290.335



Tritanomaly
59, 28.525, 304.482

Monochromacy



Original Color
59, 66.543, 306.874



Achromatopsia
60, 0.008, 296.813



Achromatomaly
59, 24.507, 305.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 66.543, 306.874 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(160, 120, 236)` looks like.

```
.text, #text, p{  
    color:rgb(160, 120, 236)  
}
```

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(160, 120, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 120, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 66.543, 306.874 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(160, 120, 236) }
```

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

```
.border{ border-color:rgb(160, 120, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 120, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 120, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 120, 236);  
box-shadow:4px 4px 4px 4px rgb(160, 120,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 66.543, 306.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 120, 236) }
```

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

```
.background{ background-color: rgb(160,  
120, 236) }
```

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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