

Converting Colors

CIELCh(59, 71.455, 306.811)

Have a look what the booklet for
CIELCh(59, 71.455, 306.811)
contains.

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Color

CIELCh(59, 71.455, 306.811)

Conversions

Conversions Part 1

Format	Color
Hex	A076F3
RGB	160, 118, 243
RGB Percent	63%, 46%, 95%
CMY	0.3712, 0.5361, 0.0457
CMYK	0.34, 0.51, 0.00, 0.05
HSL	260°, 84%, 71%
HSV	260°, 51%, 95%
XYZ	37.3072, 27.0277, 88.3151
YIQ	144.8080, -15.0930, 47.7790

Conversions

Conversions Part 2

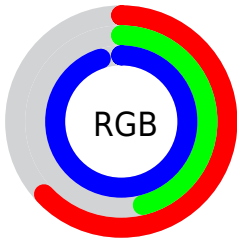
Format	Color
R _Y B	160, 118, 243
Decimal	10516211
CIE Lab	59.00, 42.81, -57.21
CIE LCh	59, 71.455, 306.811
Yxy	27.0277, 0.2444, 0.1771
Android (android.graphics.Color)	4288706291 (0xFFA076F3)
YUV	144.8080, 48.4087, 13.3234
Hunter-Lab	51.9882, 37.1137, -64.3273

Details

The CIELCh color $59, 71.455, 306.811$ is a light color, and the websafe version is hex `9966CC`. A complement of this color would be $91, 64.060, 120.412$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $77, 47.809, 312.650$, and $39, 71.439, 306.707$ is the 20% darker color. If you saturate the color by 10%, you get $52, 85.896, 307.639$, and if you desaturate by 10%, it is $66, 56.870, 305.975$.

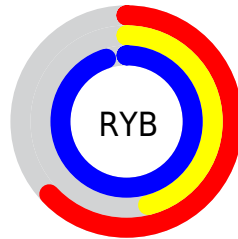
Distribution



Red (63%)

Green (46%)

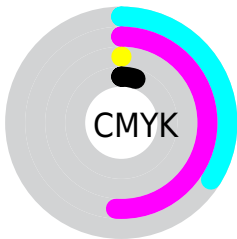
Blue (95%)



Red (63%)

Yellow (46%)

Blue (95%)

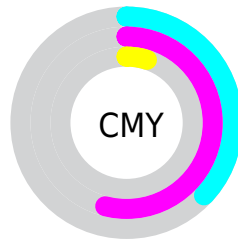


Cyan (34%)

Magenta (51%)

Yellow (0%)

Black (5%)



Cyan (37%)


Magenta (54%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 71.455, 306.811 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, 71.455, 306.811 by changing the saturation by 10% instead.


 59, 71.455,
306.811


 59, 71.455,
306.811


 100, 71.455,
306.811


 49, 71.455,
306.811


 79, 71.455,
306.811

 39, 71.455,
306.811

 89, 71.455,
306.811

 29, 71.455,
306.811

 99, 71.455,
306.811

 19, 71.455,
306.811

 9, 71.455, 306.811

 0, 71.455, 306.811

59, 71.455,
306.811

59, 71.455,
306.811

52, 85.896,
307.639

66, 56.870,
305.975

46, 99.562,
308.368

73, 42.488,
305.180

41, 111.426,
308.861

80, 28.475,
304.452

37, 120.165,
308.943

88, 14.902,
303.798

35, 124.793,
308.661

95, 1.789, 303.187

100, 5.900,
109.724

Harmonies

Complementary

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



59, 71.455, 306.811



91, 64.060, 120.412

Rectangle

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



59, 71.455, 306.811



59, 71.455, 356.811



59, 71.455, 126.811



59, 71.455, 176.811

Sweetspot

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



59, 71.454, 306.811



89, 20.524, 304.028



78, 31.689, 243.477



46, 14.053, 304.166



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, 71.454, 306.811



54, 90.127, 307.700



66, 74.605, 322.015



47, 7.452, 303.682



26, 101.858, 308.822



4, 40.971, 307.647

Inverse Universe

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



67, 61.291, 340.114



65, 74.298, 341.348



88, 73.547, 136.591



48, 6.918, 336.427



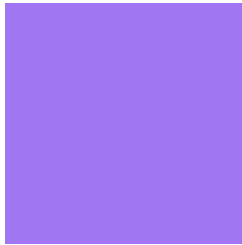
41, 71.277, 347.650



10, 32.568, 344.290

Previews

White Background



This preview shows how the CIELCh color 59, 71.455, 306.811 looks on a white background.

Color Contrast Check

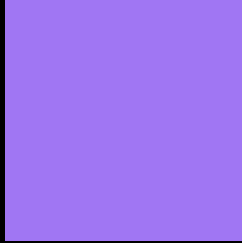
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.455, 306.811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

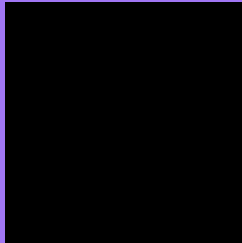
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 71.455, 306.811

Background



This preview shows how black text looks on a background with the CIELCh color 59, 71.455, 306.811.




This preview shows how white text looks on a background with the CIELCh color 59, 71.455, 306.811.

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](#).

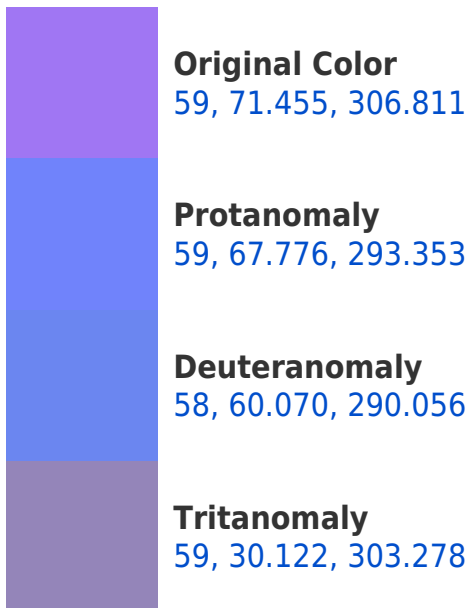
Dichromacy



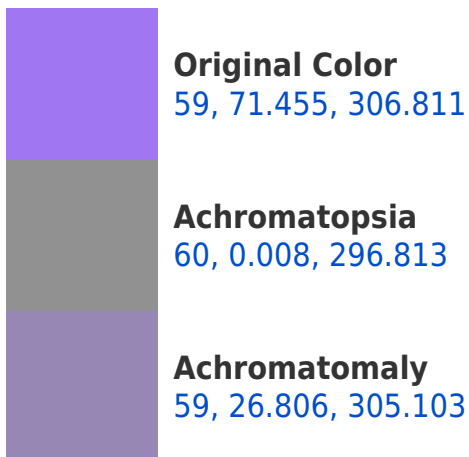


Tritanopia
59, 6.240, 290.898

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 71.455, 306.811 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, 118, 243)` looks like.

```
.text, #text, p{  
    color:rgb(160, 118, 243)  
}
```

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, 118, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 118, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 71.455, 306.811 is called "border". The border property can be set on classes, ids or directly on the HTML element.

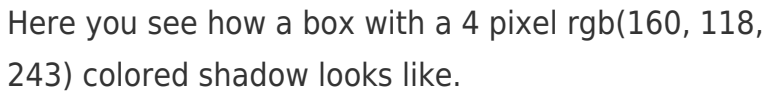
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 118, 243) }
```

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

```
.border{ border-color:rgb(160, 118, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(160, 118, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 118, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 118, 243); box-shadow:4px 4px 4px 4px rgb(160, 118, 243) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 71.455, 306.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 118, 243) }
```

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

```
.background{ background-color: rgb(160,  
118, 243) }
```

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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