

Converting Colors

CIELCh(59, 89.464, 314.945)

Have a look what the booklet for
CIELCh(59, 89.464, 314.945)
contains.

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Color

CIELCh(59, 89.575, 314.888)

Conversions

Conversions Part 1

Format	Color
Hex	BF62FF
RGB	191, 98, 255
RGB Percent	75%, 38%, 100%
CMY	0.2510, 0.6157, 0.0000
CMYK	0.25, 0.62, 0.00, 0.00
HSL	276°, 100%, 69%
HSV	276°, 62%, 100%
XYZ	43.8982, 27.0277, 97.5011
YIQ	143.7050, 5.0310, 68.5430

Conversions

Conversions Part 2

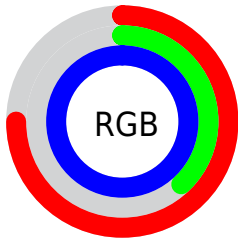
Format	Color
R _Y B	191, 98, 255
Decimal	12542719
CIE _{Lab}	59.00, 63.22, -63.46
CIE _{LCh}	59, 89.575, 314.888
Y _{xy}	27.0277, 0.2606, 0.1605
Android (android.graphics.Color)	4290732799 (0xFFBF62FF)
YUV	143.7050, 54.8684, 41.4777
Hunter-Lab	51.9882, 59.7438, -74.8035

Details

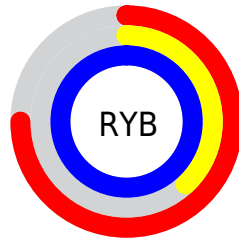
The CIELCh color **59, 89.575, 314.888** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **92, 83.589, 129.462**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 62.731, 325.441**, and **39, 89.308, 314.917** is the 20% darker color. If you saturate the color by 10%, you get **54, 102.057, 315.069**, and if you desaturate by 10%, it is **65, 75.636, 314.548**.

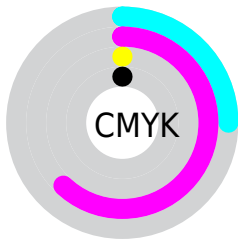
Distribution



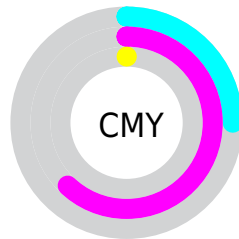
- Red (75%)
- Green (38%)
- Blue (100%)



- Red (75%)
- Yellow (38%)
- Blue (100%)



- Cyan (25%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)




- Cyan (25%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 89.575, 314.888 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, 89.575, 314.888 by changing the saturation by 10% instead.

 59, 89.575,
314.888


 59, 89.575,
314.888


 100, 89.575,
314.888


 49, 89.575,
314.888


 79, 89.575,
314.888

 39, 89.575,
314.888

 89, 89.575,
314.888

 29, 89.575,
314.888

 99, 89.575,
314.888

 19, 89.575,
314.888

 9, 89.575, 314.888

 0, 89.575, 314.888

■ 59, 89.575,
314.888

■ 59, 89.575,
314.888

■ 54, 102.057,
315.069

■ 65, 75.636,
314.548

■ 49, 112.200,
315.002

■ 71, 60.953,
314.118

■ 46, 119.152,
314.593

■ 78, 46.017,
313.650

■ 44, 122.546,
313.984

■ 85, 31.140,
313.175

■ 92, 16.507,
312.713

■ 99, 2.219, 312.214

■ 100, 0.006,
302.878

Harmonies

Complementary

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



59, 89.575, 314.888



92, 83.589, 129.462

Rectangle

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



59, 89.575, 314.888



59, 89.575, 4.888



59, 89.575, 134.888



59, 89.575, 184.888

Sweetspot

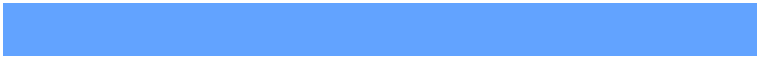
The Sweet Spot groups the original color and five complimentary colors.



59, 89.574, 314.888



87, 25.883, 313.008



67, 52.106, 277.070



45, 18.045, 313.144



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, 89.574, 314.888



53, 104.777, 315.079



67, 87.242, 330.248



49, 8.091, 312.619



32, 98.560, 314.174



7, 44.694, 315.453

Inverse Universe

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



64, 65.203, 357.522



59, 74.793, 0.920



90, 88.751, 141.021



50, 6.016, 349.764



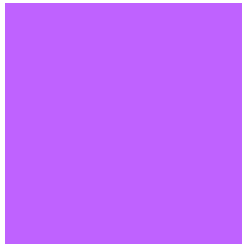
41, 68.239, 11.067



10, 31.317, 4.142

Previews

White Background



This preview shows how the CIELCh color 59, 89.575, 314.888 looks on a white background.

Color Contrast Check

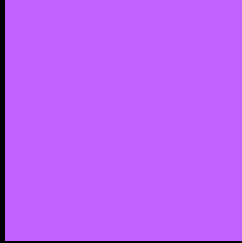
Large Text (above 18pt) WCAG AA ✓ Pass

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, 89.575, 314.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

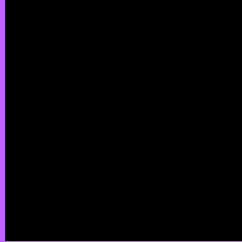
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 89.575, 314.888

Background



This preview shows how black text looks on a background with the CIELCh color 59, 89.575, 314.888.

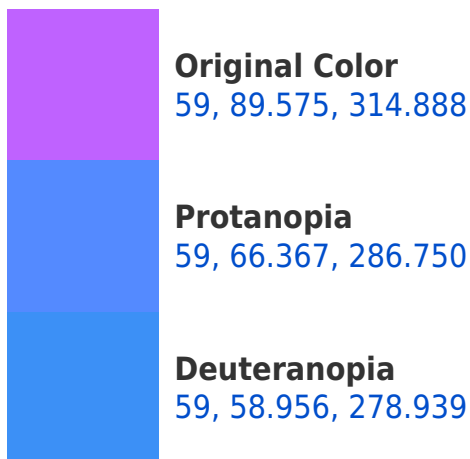


This preview shows how white text looks on a background with the CIELCh color 59, 89.575, 314.888.

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, 17.340, 2.438

Trichromacy



Original Color
59, 89.575, 314.888



Protanomaly
58, 74.697, 297.959



Deuteranomaly
57, 69.183, 293.744



Tritanomaly
58, 41.421, 324.903

Monochromacy



Original Color
59, 89.575, 314.888



Achromatopsia
60, 0.008, 296.813



Achromatomaly
58, 34.634, 313.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 89.575, 314.888 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(191, 98, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 98, 255)  
}
```

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(191, 98, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 98, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 89.575, 314.888 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(191, 98, 255) }
```

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

```
.border{ border-color:rgb(191, 98, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 98, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 98, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 98, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 98,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 89.575, 314.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 98, 255) }
```

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

```
.background{ background-color: rgb(191, 98,  
255) }
```

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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