

Converting Colors

CIELCh(59, 89.538, 315.340)

Have a look what the booklet for
CIELCh(59, 89.538, 315.340)
contains.

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Color

CIELCh(59, 89.644, 315.275)

Conversions

Conversions Part 1

Format	Color
Hex	C061FE
RGB	192, 97, 254
RGB Percent	75%, 38%, 100%
CMY	0.2458, 0.6184, 0.0027
CMYK	0.24, 0.62, 0.00, 0.00
HSL	276°, 99%, 69%
HSV	276°, 62%, 100%
XYZ	44.0607, 27.0277, 96.9259
YIQ	143.3030, 6.2230, 68.9670

Conversions

Conversions Part 2

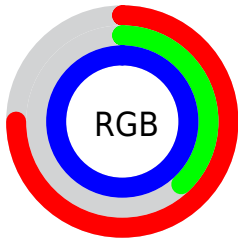
Format	Color
R _Y B	192, 97, 254
Decimal	12607998
CIE Lab	59.00, 63.69, -63.08
CIE LCh	59, 89.644, 315.275
Yxy	27.0277, 0.2622, 0.1609
Android (android.graphics.Color)	4290798078 (0xFFC061FE)
YUV	143.3030, 54.5736, 42.7073
Hunter-Lab	51.9882, 60.3016, -74.1474

Details

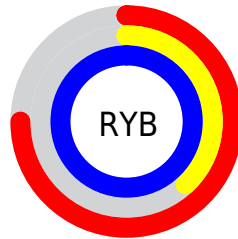
The CIELCh color $59, 89.644, 315.275$ is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be $91, 83.925, 129.856$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $76, 63.457, 325.757$, and $39, 89.547, 315.344$ is the 20% darker color. If you saturate the color by 10%, you get $54, 101.983, 315.440$, and if you desaturate by 10%, it is $65, 75.806, 314.949$.

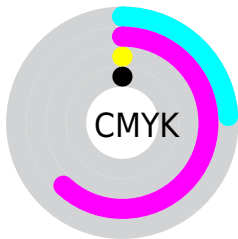
Distribution



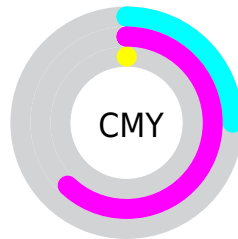
- Red (75%)
- Green (38%)
- Blue (100%)



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



- Cyan (24%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)





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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 89.644, 315.275 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, 89.644, 315.275 by changing the saturation by 10% instead.


 59, 89.644,
315.275


 59, 89.644,
315.275


 100, 89.644,
315.275


 49, 89.644,
315.275


 79, 89.644,
315.275

 39, 89.644,
315.275

 89, 89.644,
315.275

 29, 89.644,
315.275

 99, 89.644,
315.275

 19, 89.644,
315.275

 9, 89.644, 315.275

 0, 89.644, 315.275

59, 89.644,
315.275

59, 89.644,
315.275

54, 101.983,
315.440

65, 75.806,
314.949

49, 111.952,
315.356

71, 61.185,
314.532

46, 118.729,
314.935

78, 46.279,
314.072

44, 121.964,
314.338

85, 31.410,
313.603

92, 16.769,
313.145

99, 2.464, 312.654

100, 0.335,
109.922

Harmonies

Complementary

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



59, 89.644, 315.275



91, 83.925, 129.856

Rectangle

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



59, 89.644, 315.275



59, 89.644, 5.275



59, 89.644, 135.275



59, 89.644, 185.275

Sweetspot

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



59, 89.643, 315.275



87, 27.427, 313.476



66, 53.462, 278.585



44, 18.935, 313.609



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, 89.643, 315.275



53, 104.699, 315.446



66, 86.270, 330.850



49, 8.115, 313.044



33, 98.295, 314.525



7, 44.644, 315.814

Inverse Universe

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



64, 64.965, 358.494



59, 74.613, 1.936



89, 87.819, 141.443



50, 5.970, 350.557



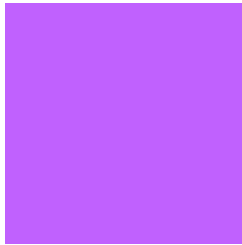
41, 68.393, 12.312



10, 31.293, 5.230

Previews

White Background



This preview shows how the CIELCh color 59, 89.644, 315.275 looks on a white background.

Color Contrast Check

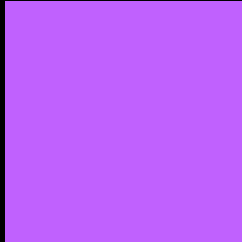
Large Text (above 18pt) WCAG AA ✓ Pass

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, 89.644, 315.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

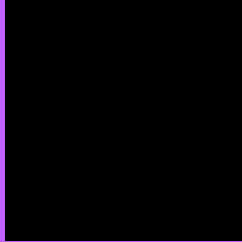
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 89.644, 315.275

Background



This preview shows how black text looks on a background with the CIELCh color 59, 89.644, 315.275.



This preview shows how white text looks on a background with the CIELCh color 59, 89.644, 315.275.

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, 18.138, 3.405

Trichromacy



Original Color
59, 89.644, 315.275



Protanomaly
58, 74.697, 297.959



Deuteranomaly
57, 68.622, 293.834



Tritanomaly
58, 42.231, 325.407

Monochromacy



Original Color
59, 89.644, 315.275



Achromatopsia
60, 0.008, 296.813



Achromatomaly
58, 34.745, 314.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 89.644, 315.275 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(192, 97, 254)` looks like.

```
.text, #text, p{  
    color:rgb(192, 97, 254)  
}
```

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(192, 97, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 97, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 89.644, 315.275 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(192, 97, 254) }
```

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

```
.border{ border-color:rgb(192, 97, 254) }
```

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

Here you see how a box with a 4 pixel rgb(192, 97, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 97, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 97, 254);  
box-shadow:4px 4px 4px 4px rgb(192, 97,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 89.644, 315.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 97, 254) }
```

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

```
.background{ background-color: rgb(192, 97,  
254) }
```

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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