

Converting Colors

CIELCh(59, 96.513, 321.605)

Have a look what the booklet for
CIELCh(59, 96.513, 321.605)
contains.

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Color

CIELCh(59, 96.398, 321.532)

Conversions

Conversions Part 1

Format	Color
Hex	D84FF9
RGB	216, 79, 249
RGB Percent	85%, 31%, 98%
CMY	0.1530, 0.6902, 0.0236
CMYK	0.13, 0.68, 0.00, 0.02
HSL	288°, 93%, 64%
HSV	288°, 68%, 98%
XYZ	48.2097, 27.0277, 92.2924
YIQ	139.3430, 27.0820, 81.9140

Conversions

Conversions Part 2

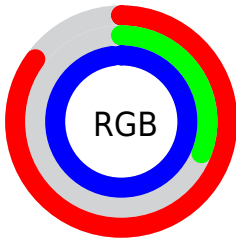
Format	Color
R _{YB}	216, 79, 249
Decimal	14176249
CIE _{Lab}	59.00, 75.48, -59.97
CIE _{LCh}	59, 96.398, 321.532
Yxy	27.0277, 0.2878, 0.1613
Android (android.graphics.Color)	4292366329 (0xFFD84FF9)
YUV	139.3430, 54.0609, 67.2282
Hunter-Lab	51.9882, 74.5472, -68.8632

Details

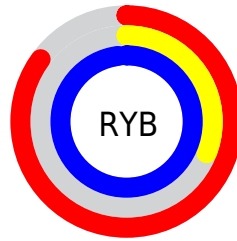
The CIELCh color **59, 96.398, 321.532** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light washed magenta. A complement of this color would be **88, 94.837, 134.861**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 71.904, 326.876**, and **40, 94.901, 321.314** is the 20% darker color. If you saturate the color by 10%, you get **55, 105.651, 321.532**, and if you desaturate by 10%, it is **63, 84.754, 321.361**.

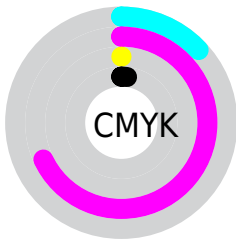
Distribution



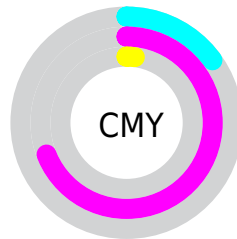
- Red (85%)
- Green (31%)
- Blue (98%)



- Red (85%)
- Yellow (31%)
- Blue (98%)



- Cyan (13%)
- Magenta (68%)
- Yellow (0%)
- Black (2%)





- Cyan (15%)
- Magenta (69%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 96.398, 321.532 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, 96.398, 321.532 by changing the saturation by 10% instead.


 59, 96.398,
321.532


 59, 96.398,
321.532


 100, 96.398,
321.532


 49, 96.398,
321.532


 79, 96.398,
321.532

 39, 96.398,
321.532

 89, 96.398,
321.532

 29, 96.398,
321.532

 99, 96.398,
321.532

 19, 96.398,
321.532

 9, 96.398, 321.532

 0, 96.398, 321.532

59, 96.398,
321.532

59, 96.398,
321.532

55, 105.651,
321.532

63, 84.754,
321.361

53, 111.948,
321.317

68, 71.426,
321.064

51, 115.205,
320.872

74, 57.060,
320.684

51, 115.622,
320.785

80, 42.171,
320.254

86, 27.131,
319.801

93, 12.187,
319.336

99, 2.504, 139.012

100, 3.039,
112.174

100, 3.035,
109.926

Harmonies

Complementary

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



59, 96.398, 321.532



88, 94.837, 134.861

Rectangle

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



59, 96.398, 321.532



59, 96.398, 11.532



59, 96.398, 141.532



59, 96.398, 191.532

Sweetspot

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



59, 96.396, 321.532



87, 30.308, 319.881



52, 78.284, 293.813



44, 20.709, 320.009



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, 96.396, 321.532



56, 110.410, 321.477



61, 79.805, 340.184



49, 8.407, 319.394



38, 93.836, 320.901



9, 42.313, 321.774

Inverse Universe

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



59, 68.983, 16.001



56, 82.125, 21.705



87, 81.233, 146.731



49, 5.329, 4.528



39, 74.451, 29.979



9, 31.020, 18.056

Previews

White Background



This preview shows how the CIELCh color 59, 96.398, 321.532 looks on a white background.

Color Contrast Check

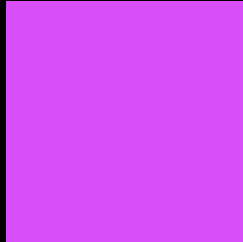
Large Text (above 18pt) WCAG AA ✓ Pass

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, 96.398, 321.532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

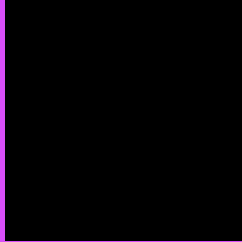
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 96.398, 321.532

Background



This preview shows how black text looks on a background with the CIELCh color 59, 96.398, 321.532.



This preview shows how white text looks on a background with the CIELCh color 59, 96.398, 321.532.

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



Original Color
59, 96.398, 321.532

Protanopia
59, 65.789, 286.353

Deuteranopia
59, 54.810, 279.665



Tritanopia
59, 33.935, 15.062

Trichromacy



Original Color
59, 96.398, 321.532



Protanomaly
57, 77.233, 300.986



Deuteranomaly
57, 69.464, 299.273



Tritanomaly
58, 51.402, 339.863

Monochromacy



Original Color
59, 96.398, 321.532



Achromatopsia
58, 0.007, 296.813



Achromatomaly
56, 39.535, 320.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 96.398, 321.532 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(216, 79, 249)` looks like.

```
.text, #text, p{  
    color:rgb(216, 79, 249)  
}
```

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(216, 79, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 79, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 96.398, 321.532 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(216, 79, 249) }
```

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

```
.border{ border-color:rgb(216, 79, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 79, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 79, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 79, 249);  
box-shadow:4px 4px 4px 4px rgb(216, 79,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 96.398, 321.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 79, 249) }
```

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

```
.background{ background-color: rgb(216, 79,  
249) }
```

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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