

Converting Colors

CIELCh(59, 79.626, 312.439)

Have a look what the booklet for
CIELCh(59, 79.626, 312.439)
contains.

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Color

CIELCh(59, 79.401, 312.365)

Conversions

Conversions Part 1

Format	Color
Hex	B36CF6
RGB	179, 108, 246
RGB Percent	70%, 42%, 96%
CMY	0.2973, 0.5758, 0.0346
CMYK	0.27, 0.56, 0.00, 0.03
HSL	271°, 89%, 69%
HSV	271°, 56%, 97%
XYZ	40.6718, 27.0277, 90.4035
YIQ	144.9610, -1.9820, 57.9700

Conversions

Conversions Part 2

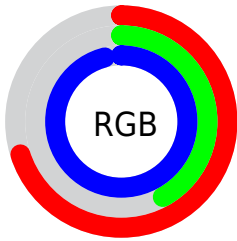
Format	Color
R _Y B	179, 108, 246
Decimal	11758838
CIE Lab	59.00, 53.50, -58.67
CIE LCh	59, 79.401, 312.365
Yxy	27.0277, 0.2572, 0.1710
Android (android.graphics.Color)	4289948918 (0xFFB36CF6)
YUV	144.9610, 49.8122, 29.8522
Hunter-Lab	51.9882, 48.6659, -66.7090

Details

The CIELCh color **59, 79.401, 312.365** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **90, 73.187, 127.041**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 55.594, 320.959**, and **39, 79.430, 312.333** is the 20% darker color. If you saturate the color by 10%, you get **53, 92.825, 312.750**, and if you desaturate by 10%, it is **65, 65.167, 311.877**.

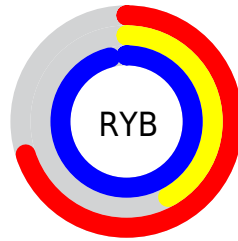
Distribution



Red (70%)

Green (42%)

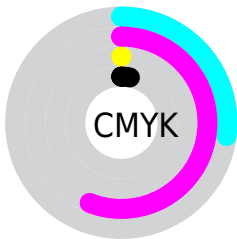
Blue (96%)



Red (70%)

Yellow (42%)

Blue (96%)

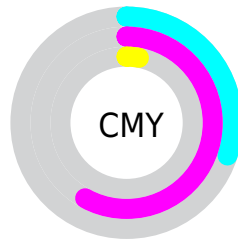


Cyan (27%)

Magenta (56%)

Yellow (0%)

Black (3%)



Cyan (30%)

Magenta (58%)


Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 79.401, 312.365 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, 79.401, 312.365 by changing the saturation by 10% instead.


 59, 79.401,
312.365

 59, 79.401,
312.365


 100, 79.401,
312.365


 49, 79.401,
312.365


 79, 79.401,
312.365

 39, 79.401,
312.365

 89, 79.401,
312.365

 29, 79.401,
312.365

 99, 79.401,
312.365

 19, 79.401,
312.365

 9, 79.401, 312.365

 0, 79.401, 312.365

59, 79.401,
312.365

59, 79.401,
312.365

53, 92.825,
312.750

65, 65.167,
311.877

48, 104.651,
312.942

72, 50.665,
311.347

44, 113.900,
312.829

79, 36.226,
310.815

41, 119.723,
312.305

86, 22.040,
310.306

40, 121.346,
312.032

93, 8.207, 309.824

99, 4.713, 127.774

100, 4.463,
109.827

Harmonies

Complementary

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



59, 79.401, 312.365



90, 73.187, 127.041

Rectangle

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



59, 79.401, 312.365



59, 79.401, 2.365



59, 79.401, 132.365



59, 79.401, 182.365

Sweetspot

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



59, 79.400, 312.365



88, 24.032, 310.354



70, 40.982, 266.873



45, 16.118, 310.455



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, 79.400, 312.365



54, 96.719, 312.781



67, 83.254, 327.312



47, 7.692, 309.987



29, 98.201, 312.228



5, 41.522, 312.862

Inverse Universe

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



65, 60.368, 351.011



62, 71.613, 353.222



87, 83.979, 139.617



48, 6.113, 345.206



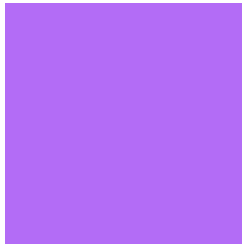
40, 66.766, 3.415



9, 30.128, 357.043

Previews

White Background



This preview shows how the CIELCh color 59, 79.401, 312.365 looks on a white background.

Color Contrast Check

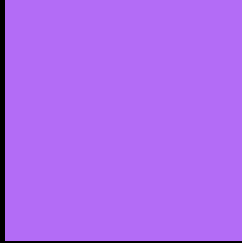
Large Text (above 18pt) WCAG AA ✓ Pass

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, 79.401, 312.365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

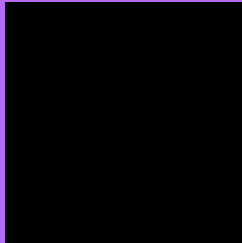
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 79.401, 312.365

Background



This preview shows how black text looks on a background with the CIELCh color 59, 79.401, 312.365.

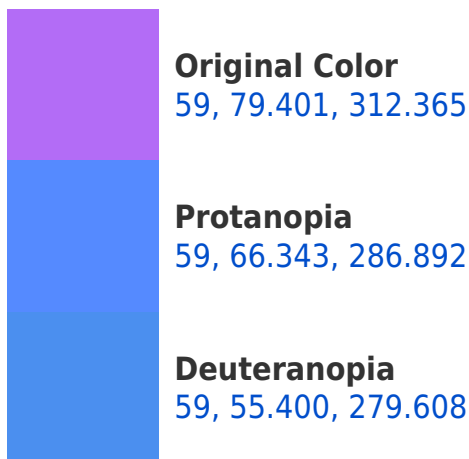


This preview shows how white text looks on a background with the CIELCh color 59, 79.401, 312.365.

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, 11.710, 351.849

Trichromacy



Original Color
59, 79.401, 312.365



Protanomaly
58, 70.661, 295.971



Deuteranomaly
58, 63.456, 293.049



Tritanomaly
58, 35.816, 318.769

Monochromacy



Original Color
59, 79.401, 312.365



Achromatopsia
60, 0.008, 296.813



Achromatomaly
59, 29.835, 310.378

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 79.401, 312.365 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(179, 108, 246)` looks like.

```
.text, #text, p{  
    color:rgb(179, 108, 246)  
}
```

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(179, 108, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 108, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 79.401, 312.365 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(179, 108, 246) }
```

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

```
.border{ border-color:rgb(179, 108, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 108, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 108, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 108, 246);  
box-shadow:4px 4px 4px 4px rgb(179, 108,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 79.401, 312.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 108, 246) }
```

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

```
.background{ background-color: rgb(179,  
108, 246) }
```

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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