

Converting Colors

CIELCh(69, 59.636, 314.124)

Have a look what the booklet for
CIELCh(69, 59.636, 314.124)
contains.

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Color

CIELCh(69, 59.636, 314.124)

Conversions

Conversions Part 1

Format	Color
Hex	CC8FF6
RGB	204, 143, 246
RGB Percent	80%, 56%, 96%
CMY	0.1983, 0.4376, 0.0336
CMYK	0.17, 0.42, 0.00, 0.03
HSL	276°, 86%, 76%
HSV	276°, 42%, 97%
XYZ	51.6042, 39.3444, 92.4141
YIQ	172.9810, 3.2930, 44.9650

Conversions

Conversions Part 2

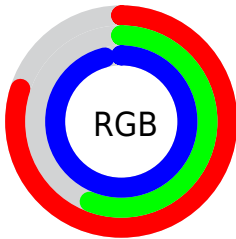
Format	Color
RYB	204, 143, 246
Decimal	13406198
CIELab	69.00, 41.52, -42.81
CIELCh	69, 59.636, 314.124
Yxy	39.3444, 0.2814, 0.2146
Android (android.graphics.Color)	4291596278 (0xFFCC8FF6)
YUV	172.9810, 35.9984, 27.2037
Hunter-Lab	62.7251, 37.0838, -43.4455

Details

The CIELCh color $69, 59.636, 314.124$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $91, 56.895, 130.260$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 35.751, 325.667$, and $49, 59.588, 314.190$ is the 20% darker color. If you saturate the color by 10%, you get $63, 73.909, 314.552$, and if you desaturate by 10%, it is $75, 45.107, 313.657$.

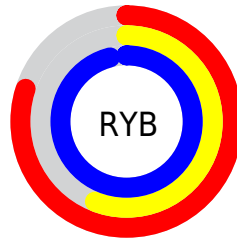
Distribution



Red (80%)

Green (56%)

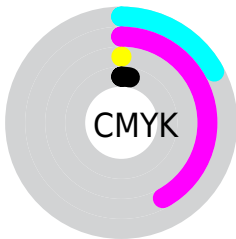
Blue (96%)



Red (80%)

Yellow (56%)

Blue (96%)

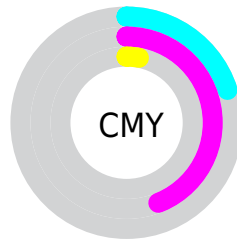


Cyan (17%)

Magenta (42%)

Yellow (0%)

Black (3%)



Cyan (20%)


Magenta (44%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 59.636, 314.124 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 69, 59.636, 314.124 by changing the saturation by 10% instead.

 69, 59.636,
314.124


 69, 59.636,
314.124


 100, 59.636,
314.124


 59, 59.636,
314.124


 89, 59.636,
314.124

 49, 59.636,
314.124

 99, 59.636,
314.124

 39, 59.636,
314.124

 29, 59.636,
314.124

 19, 59.636,
314.124

 9, 59.636, 314.124

 0, 59.636, 314.124

69, 59.636,
314.124

69, 59.636,
314.124

63, 73.909,
314.552

75, 45.107,
313.657

57, 87.453,
314.890

82, 30.633,
313.183

52, 99.575,
315.068

89, 16.393,
312.721

48, 109.414,
314.998

96, 2.486, 312.233

44, 116.149,
314.587

100, 4.334,
111.397

42, 119.402,
314.002

100, 4.331,
109.837

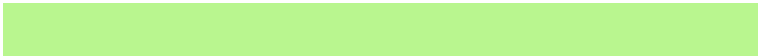
Harmonies

Complementary

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



69, 59.636, 314.124



91, 56.895, 130.260

Rectangle

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



69, 59.636, 314.124



69, 59.636, 4.124



69, 59.636, 134.124



69, 59.636, 184.124

Sweetspot

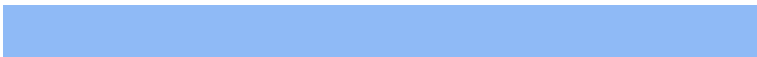
The Sweet Spot groups the original color and five complimentary colors.



69, 59.634, 314.124



91, 18.581, 312.776



75, 34.296, 271.348



47, 13.037, 312.877



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 59.634, 314.124



66, 73.368, 314.483



73, 60.705, 329.186



48, 7.824, 312.616



32, 96.581, 314.194



6, 41.641, 315.245

Inverse Universe

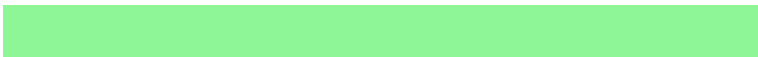
The Inverse Universe completely reimagines the original color for something new.



72, 44.253, 353.721



69, 54.120, 355.117



89, 60.851, 143.418



48, 5.818, 349.757



40, 66.867, 10.955



9, 29.687, 3.361

Previews

White Background



This preview shows how the CIELCh color 69, 59.636, 314.124 looks on a white background.

Color Contrast Check

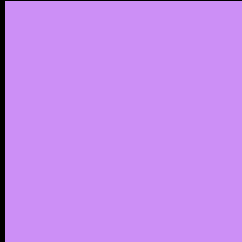
Large Text (above 18pt) WCAG AA × Fail

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 69, 59.636, 314.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

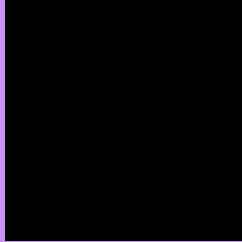
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 59.636, 314.124

Background



This preview shows how black text looks on a background with the CIELCh color 69, 59.636, 314.124.

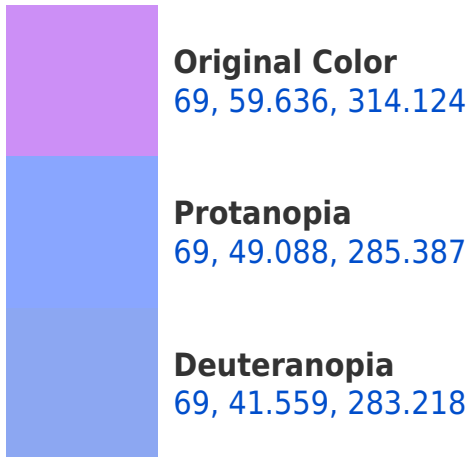


This preview shows how white text looks on a background with the CIELCh color 69, 59.636, 314.124.

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
69, 14.233, 353.330

Trichromacy



Original Color
69, 59.636, 314.124



Protanomaly
69, 51.713, 296.417



Deuteranomaly
69, 47.398, 296.566



Tritanomaly
69, 29.202, 324.407

Monochromacy



Original Color
69, 59.636, 314.124



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 22.387, 312.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 59.636, 314.124 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(204, 143, 246)` looks like.

```
.text, #text, p{  
    color:rgb(204, 143, 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(204, 143, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 143, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 59.636, 314.124 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(204, 143, 246) }
```

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

```
.border{ border-color:rgb(204, 143, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 143, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 143, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 143, 246);  
box-shadow:4px 4px 4px 4px rgb(204, 143,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 59.636, 314.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 143, 246) }
```

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

```
.background{ background-color: rgb(204,  
143, 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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