

Converting Colors

CIELCh(68, 69.246, 315.388)

Have a look what the booklet for
CIELCh(68, 69.246, 315.388)
contains.

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Color

CIELCh(68, 69.379, 315.390)

Conversions

Conversions Part 1

Format	Color
Hex	D186FE
RGB	209, 134, 254
RGB Percent	82%, 53%, 100%
CMY	0.1786, 0.4729, 0.0021
CMYK	0.18, 0.47, 0.00, 0.00
HSL	278°, 99%, 76%
HSV	278°, 47%, 100%
XYZ	52.9678, 37.9720, 98.6860
YIQ	170.1050, 6.1800, 53.2200

Conversions

Conversions Part 2

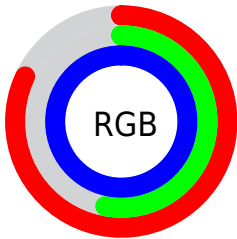
Format	Color
R _Y B	209, 134, 254
Decimal	13731582
CIE Lab	68.00, 49.39, -48.72
CIE LCh	68, 69.379, 315.390
Yxy	37.9720, 0.2793, 0.2002
Android (android.graphics.Color)	4291921662 (0xFFD186FE)
YUV	170.1050, 41.3602, 34.1109
Hunter-Lab	61.6215, 45.5951, -51.8172

Details

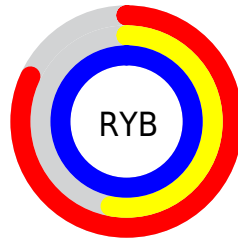
The CIELCh color `68, 69.379, 315.390` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `93, 66.155, 131.052`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `84, 41.380, 325.860`, and `48, 69.251, 315.259` is the 20% darker color. If you saturate the color by 10%, you get `62, 83.594, 315.749`, and if you desaturate by 10%, it is `74, 54.584, 314.962`.

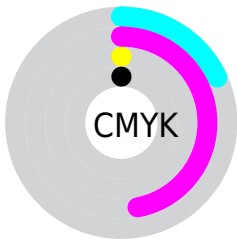
Distribution



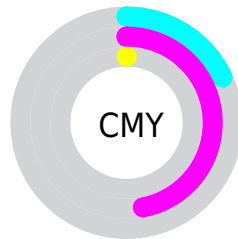
- Red (82%)
- Green (53%)
- Blue (100%)



- Red (82%)
- Yellow (53%)
- Blue (100%)



- Cyan (18%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)




- Cyan (18%)
- Magenta (47%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 69.379, 315.390 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 68, 69.379, 315.390 by changing the saturation by 10% instead.


 68, 69.379,
315.390


 68, 69.379,
315.390


 100, 69.379,
315.390


 58, 69.379,
315.390


 88, 69.379,
315.390

 48, 69.379,
315.390

 98, 69.379,
315.390

 38, 69.379,
315.390

 28, 69.379,
315.390

 18, 69.379,
315.390

 8, 69.379, 315.390

 0, 69.379, 315.390

■ 68, 69.379,
315.390

■ 68, 69.379,
315.390

■ 62, 83.594,
315.749

■ 74, 54.584,
314.962

■ 57, 96.614,
315.978

■ 81, 39.638,
314.505

■ 52, 107.630,
316.003

■ 88, 24.804,
314.046

■ 48, 115.780,
315.736

■ 95, 10.241,
313.596

■ 46, 120.525,
315.111

■ 100, 0.265,
109.866

■ 45, 121.502,
314.901

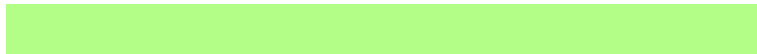
Harmonies

Complementary

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



68, 69.379, 315.390



93, 66.155, 131.052

Rectangle

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



68, 69.379, 315.390



68, 69.379, 5.390



68, 69.379, 135.390



68, 69.379, 185.390

Sweetspot

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



68, 69.377, 315.390



90, 20.184, 313.902



73, 41.567, 275.694



47, 13.969, 314.000



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 69.377, 315.390



62, 83.500, 315.744



73, 68.087, 330.611



49, 8.154, 313.701



33, 97.891, 315.085



7, 44.555, 316.376

Inverse Universe

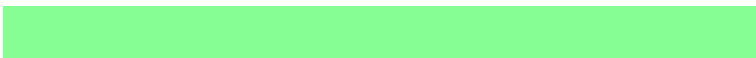
The Inverse Universe completely reimagines the original color for something new.



71, 50.455, 356.858



66, 60.387, 358.844



91, 68.387, 143.761



50, 5.900, 351.816



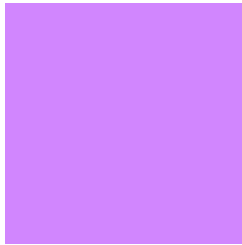
41, 68.709, 14.240



10, 31.283, 6.932

Previews

White Background



This preview shows how the CIELCh color 68, 69.379, 315.390 looks on a white background.

Color Contrast Check

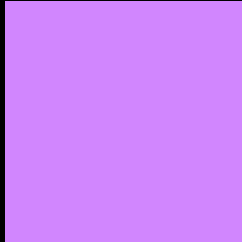
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 68, 69.379, 315.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

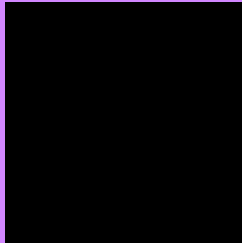
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 69.379, 315.390

Background



This preview shows how black text looks on a background with the CIELCh color 68, 69.379, 315.390.

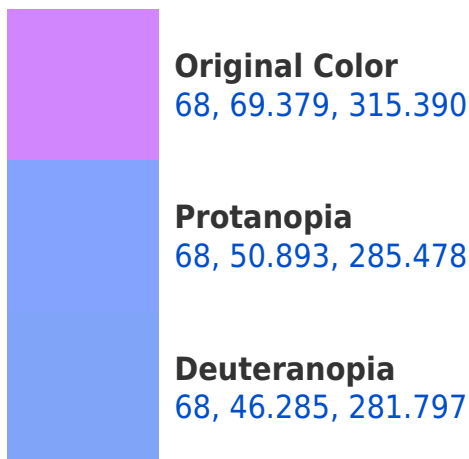


This preview shows how white text looks on a background with the CIELCh color 68, 69.379, 315.390.

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
68, 17.150, 358.594

Trichromacy



Original Color
68, 69.379, 315.390



Protanomaly
68, 56.328, 297.631



Deuteranomaly
67, 53.015, 296.566

Tritanomaly
68, 33.881, 326.920

Monochromacy



Original Color
68, 69.379, 315.390



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 25.639, 314.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 69.379, 315.390 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(209, 134, 254)` looks like.

```
.text, #text, p{  
    color:rgb(209, 134, 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(209, 134, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 134, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 69.379, 315.390 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(209, 134, 254) }
```

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

```
.border{ border-color:rgb(209, 134, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 134, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 134, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 134, 254);  
box-shadow:4px 4px 4px 4px rgb(209, 134,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 69.379, 315.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 134, 254) }
```

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

```
.background{ background-color: rgb(209,  
134, 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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