

Converting Colors

CIELCh(67, 71.648, 315.571)

Have a look what the booklet for
CIELCh(67, 71.648, 315.571)
contains.

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Color

CIELCh(67, 71.697, 315.578)

Conversions

Conversions Part 1

Format	Color
Hex	D082FE
RGB	208, 130, 254
RGB Percent	82%, 51%, 100%
CMY	0.1834, 0.4894, 0.0030
CMYK	0.18, 0.49, 0.00, 0.00
HSL	278°, 99%, 75%
HSV	278°, 49%, 100%
XYZ	52.0100, 36.6320, 98.2827
YIQ	167.4580, 6.6840, 55.1000

Conversions

Conversions Part 2

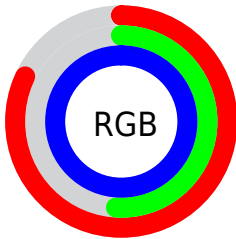
Format	Color
R _Y B	208, 130, 254
Decimal	13665022
CIE Lab	67.00, 51.21, -50.18
CIE LCh	67, 71.697, 315.578
Yxy	36.6320, 0.2782, 0.1960
Android (android.graphics.Color)	4291855102 (0xFFD082FE)
YUV	167.4580, 42.6652, 35.5553
Hunter-Lab	60.5244, 47.4715, -53.9113

Details

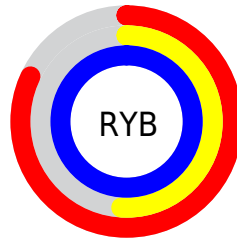
The CIELCh color $67, 71.697, 315.578$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $93, 68.308, 131.101$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $84, 43.869, 325.944$, and $47, 72.082, 315.575$ is the 20% darker color. If you saturate the color by 10%, you get $61, 85.743, 315.917$, and if you desaturate by 10%, it is $73, 56.977, 315.160$.

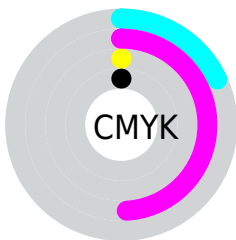
Distribution



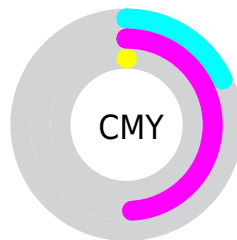
- Red (82%)
- Green (51%)
- Blue (100%)



- Red (82%)
- Yellow (51%)
- Blue (100%)



- Cyan (18%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (49%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 71.697, 315.578 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 67, 71.697, 315.578 by changing the saturation by 10% instead.

 67, 71.697,
315.578


 67, 71.697,
315.578


 100, 71.697,
315.578


 57, 71.697,
315.578


 87, 71.697,
315.578

 47, 71.697,
315.578

 97, 71.697,
315.578

 37, 71.697,
315.578

 27, 71.697,
315.578

 17, 71.697,
315.578

 7, 71.697, 315.578

 0, 71.697, 315.578

67, 71.697,
315.578

67, 71.697,
315.578

61, 85.743,
315.917

73, 56.977,
315.160

56, 98.467,
316.116

80, 42.041,
314.708

51, 109.038,
316.097

87, 27.179,
314.249

48, 116.623,
315.774

94, 12.564,
313.799

45, 120.895,
315.105

100, 0.382,
109.947

45, 121.316,
315.017

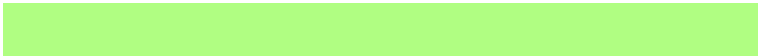
Harmonies

Complementary

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



67, 71.697, 315.578



93, 68.308, 131.101

Rectangle

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



67, 71.697, 315.578



67, 71.697, 5.578



67, 71.697, 135.578



67, 71.697, 185.578

Sweetspot

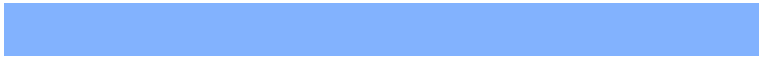
The Sweet Spot groups the original color and five complimentary colors.



67, 71.695, 315.578



90, 21.670, 314.078



72, 42.986, 276.124



46, 14.819, 314.173



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 71.695, 315.578



61, 86.249, 315.924



72, 70.117, 330.706



49, 8.161, 313.832



34, 97.811, 315.199



7, 44.535, 316.489

Inverse Universe

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



70, 52.010, 357.434



65, 62.197, 359.596



91, 70.497, 143.570



50, 5.886, 352.072



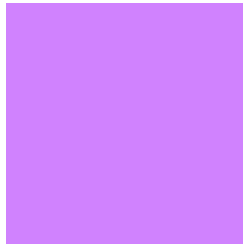
41, 68.783, 14.623



10, 31.284, 7.271

Previews

White Background



This preview shows how the CIELCh color 67, 71.697, 315.578 looks on a white background.

Color Contrast Check

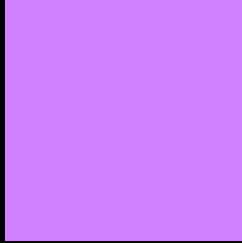
Large Text (above 18pt) WCAG AA × Fail

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 67, 71.697, 315.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

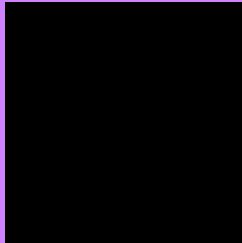
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 71.697, 315.578

Background



This preview shows how black text looks on a background with the CIELCh color 67, 71.697, 315.578.

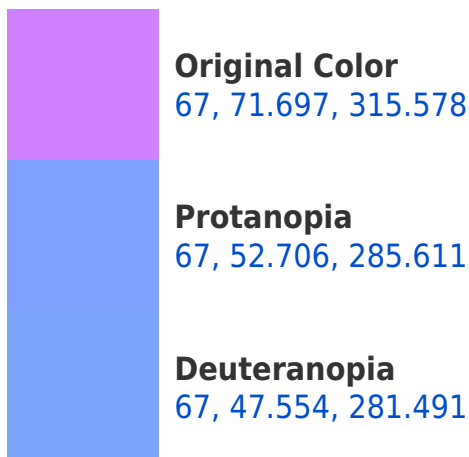


This preview shows how white text looks on a background with the CIELCh color 67, 71.697, 315.578.

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
67, 17.574, 359.174

Trichromacy



Original Color
67, 71.697, 315.578



Protanomaly
66, 58.732, 298.079



Deuteranomaly
66, 54.807, 296.430



Tritanomaly
67, 35.247, 326.950

Monochromacy



Original Color
67, 71.697, 315.578



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 27.009, 314.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 71.697, 315.578 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(208, 130, 254)` looks like.

```
.text, #text, p{  
    color:rgb(208, 130, 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(208, 130, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 130, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 71.697, 315.578 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(208, 130, 254) }
```

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

```
.border{ border-color:rgb(208, 130, 254) }
```

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

Here you see how a box with a 4 pixel rgb(208, 130, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 130, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 130, 254);  
box-shadow:4px 4px 4px 4px rgb(208, 130,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 71.697, 315.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 130, 254) }
```

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

```
.background{ background-color: rgb(208,  
130, 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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