

Converting Colors

CIELCh(67, 74.122, 318.035)

Have a look what the booklet for
CIELCh(67, 74.122, 318.035)
contains.

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Color

CIELCh(67, 74.103, 318.108)

Conversions

Conversions Part 1

Format	Color
Hex	D87EFD
RGB	216, 126, 253
RGB Percent	85%, 49%, 99%
CMY	0.1528, 0.5057, 0.0077
CMYK	0.15, 0.50, 0.00, 0.01
HSL	283°, 97%, 74%
HSV	283°, 50%, 99%
XYZ	53.5340, 36.6320, 97.2146
YIQ	167.3880, 12.8730, 58.5770

Conversions

Conversions Part 2

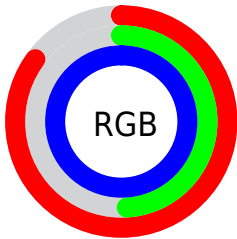
Format	Color
R _Y B	216, 126, 253
Decimal	14188285
CIE Lab	67.00, 55.16, -49.48
CIE LCh	67, 74.103, 318.108
Yxy	36.6320, 0.2857, 0.1955
Android (android.graphics.Color)	4292378365 (0xFFD87EFD)
YUV	167.3880, 42.2067, 42.6327
Hunter-Lab	60.5244, 51.9664, -52.8650

Details

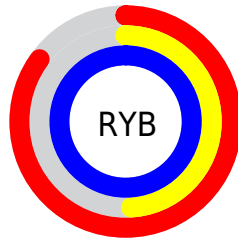
The CIELCh color **67, 74.103, 318.108** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **91, 71.563, 133.400**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 46.349, 326.028**, and **47, 74.003, 318.130** is the 20% darker color. If you saturate the color by 10%, you get **62, 87.663, 318.388**, and if you desaturate by 10%, it is **73, 59.601, 317.735**.

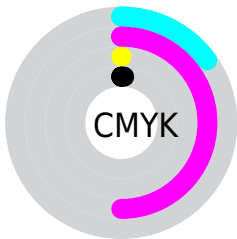
Distribution



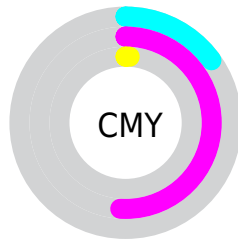
- Red (85%)
- Green (49%)
- Blue (99%)



- Red (85%)
- Yellow (49%)
- Blue (99%)



- Cyan (15%)
- Magenta (50%)
- Yellow (0%)
- Black (1%)




- Cyan (15%)
- Magenta (51%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 74.103, 318.108 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, 74.103, 318.108 by changing the saturation by 10% instead.

 67, 74.103,
318.108

 67, 74.103,
318.108


 100, 74.103,
318.108


 57, 74.103,
318.108

 87, 74.103,
318.108

 47, 74.103,
318.108

 97, 74.103,
318.108

 37, 74.103,
318.108

 27, 74.103,
318.108

 17, 74.103,
318.108

 7, 74.103, 318.108

 0, 74.103, 318.108

67, 74.103,
318.108

67, 74.103,
318.108

62, 87.663,
318.388

73, 59.601,
317.735

57, 99.603,
318.521

79, 44.677,
317.312

53, 109.139,
318.440

86, 29.681,
316.869

50, 115.594,
318.083

92, 14.838,
316.424

48, 118.985,
317.459

99, 0.283, 315.244

100, 0.980,
110.026

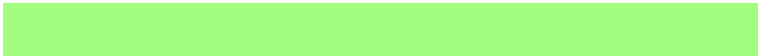
Harmonies

Complementary

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



67, 74.103, 318.108



91, 71.563, 133.400

Rectangle

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



67, 74.103, 318.108



67, 74.103, 8.108



67, 74.103, 138.108



67, 74.103, 188.108

Sweetspot

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



67, 74.101, 318.108



90, 22.087, 316.638



68, 49.461, 282.855



46, 15.099, 316.732



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, 74.101, 318.108



62, 87.962, 318.385



70, 67.735, 333.913



50, 8.326, 316.393



36, 96.309, 317.617



8, 44.033, 318.760

Inverse Universe

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



68, 52.109, 3.473



64, 62.201, 5.845



90, 67.924, 145.961



50, 5.642, 357.418



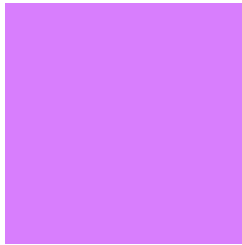
40, 70.987, 22.041



10, 31.497, 13.348

Previews

White Background



This preview shows how the CIELCh color 67, 74.103, 318.108 looks on a white background.

Color Contrast Check

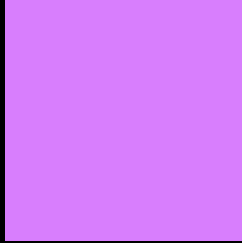
Large Text (above 18pt) WCAG AA × Fail

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, 74.103, 318.108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

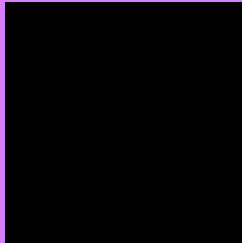
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 74.103, 318.108

Background



This preview shows how black text looks on a background with the CIELCh color 67, 74.103, 318.108.

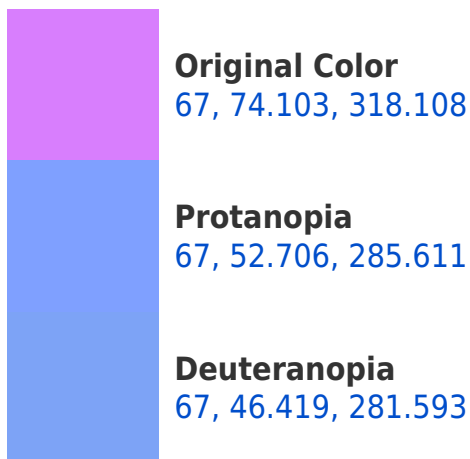


This preview shows how white text looks on a background with the CIELCh color 67, 74.103, 318.108.

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, 21.646, 5.486

Trichromacy



Original Color
67, 74.103, 318.108



Protanomaly
66, 58.818, 298.931



Deuteranomaly
66, 54.895, 297.948

Tritanomaly
67, 37.555, 332.467

Monochromacy



Original Color
67, 74.103, 318.108



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 28.105, 317.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 74.103, 318.108 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, 126, 253)` looks like.

```
.text, #text, p{  
    color:rgb(216, 126, 253)  
}
```

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, 126, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 126, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 74.103, 318.108 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, 126, 253) }
```

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

```
.border{ border-color:rgb(216, 126, 253) }
```

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

Here you see how a box with a 4 pixel rgb(216, 126, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 126, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 126, 253);  
box-shadow:4px 4px 4px 4px rgb(216, 126,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 74.103, 318.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 126, 253) }
```

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

```
.background{ background-color: rgb(216,  
126, 253) }
```

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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