

Converting Colors

CIELCh(67, 74.531, 317.948)

Have a look what the booklet for
CIELCh(67, 74.531, 317.948)
contains.

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Color

CIELCh(67, 74.568, 317.943)

Conversions

Conversions Part 1

Format	Color
Hex	D87EFE
RGB	216, 126, 254
RGB Percent	85%, 49%, 100%
CMY	0.1533, 0.5062, 0.0043
CMYK	0.15, 0.50, 0.00, 0.00
HSL	282°, 98%, 74%
HSV	282°, 50%, 100%
XYZ	53.6129, 36.6320, 97.9283
YIQ	167.5020, 12.5520, 58.8880

Conversions

Conversions Part 2

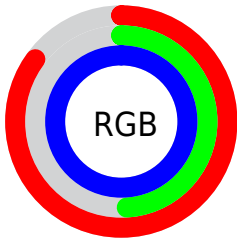
Format	Color
R _Y B	216, 126, 254
Decimal	14188286
CIE Lab	67.00, 55.37, -49.95
CIE LCh	67, 74.568, 317.943
Yxy	36.6320, 0.2849, 0.1947
Android (android.graphics.Color)	4292378366 (0xFFD87EFE)
YUV	167.5020, 42.6435, 42.5327
Hunter-Lab	60.5244, 52.1988, -53.5641

Details

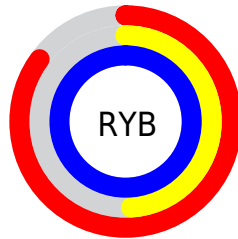
The CIELCh color $67, 74.568, 317.943$ is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be $92, 71.931, 133.229$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 46.349, 326.028$, and $47, 74.482, 317.961$ is the 20% darker color. If you saturate the color by 10%, you get $62, 88.156, 318.223$, and if you desaturate by 10%, it is $73, 60.034, 317.570$.

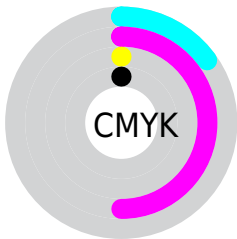
Distribution



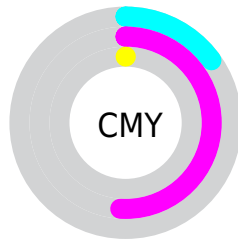
- Red (85%)
- Green (49%)
- Blue (100%)



- Red (85%)
- Yellow (49%)
- Blue (100%)



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




- Cyan (15%)
- Magenta (51%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 74.568, 317.943 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, 74.568, 317.943 by changing the saturation by 10% instead.


 67, 74.568,
317.943

 67, 74.568,
317.943


 100, 74.568,
317.943

 57, 74.568,
317.943

 87, 74.568,
317.943

 47, 74.568,
317.943

 97, 74.568,
317.943

 37, 74.568,
317.943

 27, 74.568,
317.943

 17, 74.568,
317.943

 7, 74.568, 317.943

 0, 74.568, 317.943

67, 74.568,
317.943

67, 74.568,
317.943

62, 88.156,
318.223

73, 60.034,
317.570

57, 100.116,
318.352

79, 45.079,
317.147

53, 109.656,
318.266

86, 30.053,
316.704

50, 116.095,
317.898

93, 15.182,
316.258

48, 119.417,
317.279

99, 0.600, 315.488

100, 0.545,
109.995

Harmonies

Complementary

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



67, 74.568, 317.943



92, 71.931, 133.229

Rectangle

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



67, 74.568, 317.943



67, 74.568, 7.943



67, 74.568, 137.943



67, 74.568, 187.943

Sweetspot

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



67, 74.566, 317.943



90, 22.057, 316.463



68, 49.827, 282.915



46, 15.079, 316.557



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, 74.566, 317.943



62, 87.932, 318.214



71, 68.181, 333.930



50, 8.314, 316.218



36, 96.407, 317.440



8, 44.070, 318.598

Inverse Universe

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



68, 52.538, 3.111



64, 62.239, 5.419



91, 68.384, 145.932



50, 5.657, 357.031



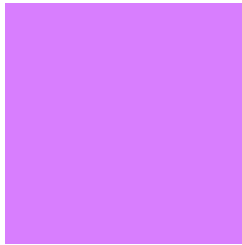
40, 70.791, 21.544



10, 31.474, 12.967

Previews

White Background



This preview shows how the CIELCh color 67, 74.568, 317.943 looks on a white background.

Color Contrast Check

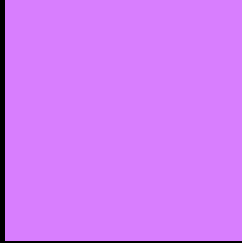
Large Text (above 18pt) WCAG AA × Fail

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 67, 74.568, 317.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

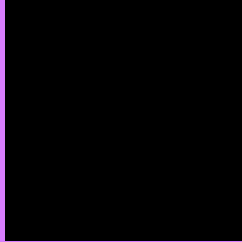
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 74.568, 317.943

Background



This preview shows how black text looks on a background with the CIELCh color 67, 74.568, 317.943.

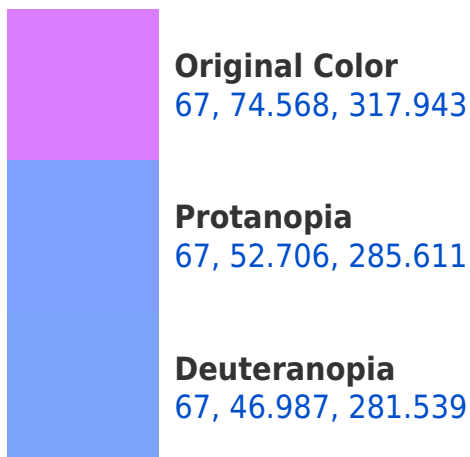


This preview shows how white text looks on a background with the CIELCh color 67, 74.568, 317.943.

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, 74.568, 317.943



Protanomaly
66, 59.356, 298.937



Deuteranomaly
66, 55.427, 297.665



Tritanomaly
67, 37.555, 332.467

Monochromacy



Original Color
67, 74.568, 317.943



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 28.597, 316.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 74.568, 317.943 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(216, 126, 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(216, 126, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 126, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 74.568, 317.943 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, 254) }
```

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

```
.border{ border-color:rgb(216, 126, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 126, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 126, 254); box-shadow:4px 4px 4px 4px rgb(216, 126, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 74.568, 317.943 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, 254) }
```

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

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