

Converting Colors

CIELCh(67, 73.857, 319.018)

Have a look what the booklet for
CIELCh(67, 73.857, 319.018)
contains.

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Color

CIELCh(67, 73.899, 319.024)

Conversions

Conversions Part 1

Format	Color
Hex	DA7DFB
RGB	218, 125, 251
RGB Percent	85%, 49%, 98%
CMY	0.1443, 0.5090, 0.0149
CMYK	0.13, 0.50, 0.00, 0.01
HSL	284°, 94%, 74%
HSV	284°, 50%, 99%
XYZ	53.7794, 36.6320, 95.6752
YIQ	167.1710, 14.9820, 58.9020

Conversions

Conversions Part 2

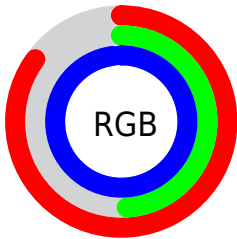
Format	Color
R _Y B	218, 125, 251
Decimal	14319099
CIE Lab	67.00, 55.79, -48.46
CIE LCh	67, 73.899, 319.024
Yxy	36.6320, 0.2890, 0.1969
Android (android.graphics.Color)	4292509179 (0xFFDA7DFB)
YUV	167.1710, 41.3277, 44.5770
Hunter-Lab	60.5244, 52.6901, -51.3569

Details

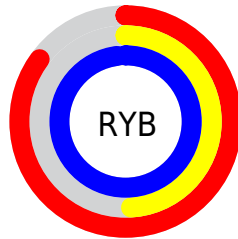
The CIELCh color `67, 73.899, 319.024` is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be `91, 71.740, 134.223`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 46.967, 326.049`, and `47, 74.166, 319.143` is the 20% darker color. If you saturate the color by 10%, you get `62, 87.281, 319.298`, and if you desaturate by 10%, it is `73, 59.513, 318.657`.

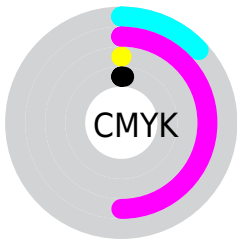
Distribution



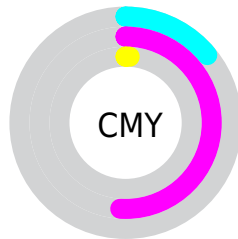
- Red (85%)
- Green (49%)
- Blue (98%)



- Red (85%)
- Yellow (49%)
- Blue (98%)



- Cyan (13%)
- Magenta (50%)
- Yellow (0%)
- Black (1%)





- Cyan (14%)
- Magenta (51%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 73.899, 319.024 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, 73.899, 319.024 by changing the saturation by 10% instead.


 67, 73.899,
319.024


 67, 73.899,
319.024


 100, 73.899,
319.024


 57, 73.899,
319.024


 87, 73.899,
319.024

 47, 73.899,
319.024

 97, 73.899,
319.024

 37, 73.899,
319.024

 27, 73.899,
319.024

 17, 73.899,
319.024

 7, 73.899, 319.024

 0, 73.899, 319.024

67, 73.899,
319.024

67, 73.899,
319.024

62, 87.281,
319.298

73, 59.513,
318.657

57, 98.986,
319.428

79, 44.651,
318.238

53, 108.259,
319.353

85, 29.676,
317.796

51, 114.472,
319.017

92, 14.826,
317.348

49, 117.694,
318.432

99, 0.244, 316.006

100, 1.911,
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, 73.899, 319.024



91, 71.740, 134.223

Rectangle

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



67, 73.899, 319.024



67, 73.899, 9.024



67, 73.899, 139.024



67, 73.899, 189.024

Sweetspot

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



67, 73.897, 319.024



90, 22.253, 317.565



67, 51.414, 285.038



47, 15.210, 317.660



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, 73.897, 319.024



63, 88.130, 319.296



70, 65.825, 335.282



49, 8.253, 317.318



36, 94.849, 318.584



8, 42.680, 319.693

Inverse Universe

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



68, 51.511, 5.666



64, 62.067, 8.118



90, 65.836, 147.079



49, 5.473, 359.510



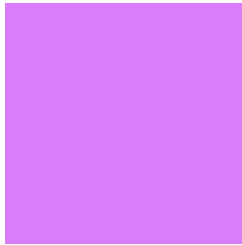
40, 71.379, 24.561



9, 30.710, 14.438

Previews

White Background



This preview shows how the CIELCh color 67, 73.899, 319.024 looks on a white background.

Color Contrast Check

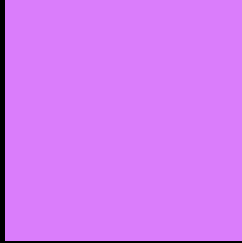
Large Text (above 18pt) WCAG AA × Fail

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, 73.899, 319.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

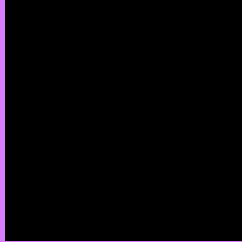
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 73.899, 319.024

Background



This preview shows how black text looks on a background with the CIELCh color 67, 73.899, 319.024.

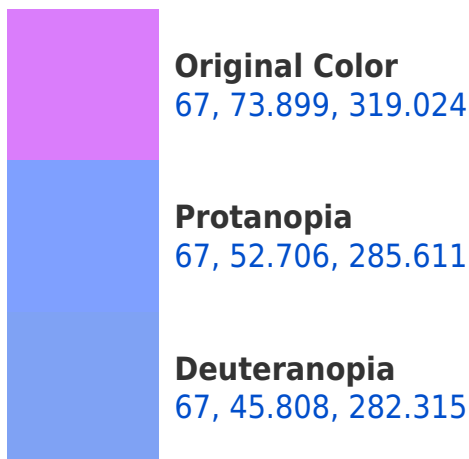



This preview shows how white text looks on a background with the CIELCh color 67, 73.899, 319.024.

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, 23.219, 6.801

Trichromacy



Original Color
67, 73.899, 319.024



Protanomaly
66, 59.439, 299.509



Deuteranomaly
66, 54.445, 298.877

Tritanomaly
67, 38.463, 334.339

Monochromacy



Original Color
67, 73.899, 319.024



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 28.249, 317.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 73.899, 319.024 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(218, 125, 251)` looks like.

```
.text, #text, p{  
    color:rgb(218, 125, 251)  
}
```

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(218, 125, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 125, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 73.899, 319.024 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(218, 125, 251) }
```

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

```
.border{ border-color:rgb(218, 125, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 125, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 125, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 125, 251);  
box-shadow:4px 4px 4px 4px rgb(218, 125,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 73.899, 319.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 125, 251) }
```

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

```
.background{ background-color: rgb(218,  
125, 251) }
```

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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