

Converting Colors

CIELCh(69, 80.156, 304.528)

Have a look what the booklet for
CIELCh(69, 80.156, 304.528)
contains.

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Color

CIELCh(67, 62.308, 306.074)

Conversions

Conversions Part 1

Format	Color
Hex	B48FFE
RGB	180, 143, 254
RGB Percent	71%, 56%, 100%
CMY	0.2932, 0.4381, 0.0031
CMYK	0.29, 0.44, 0.00, 0.00
HSL	260°, 99%, 78%
HSV	260°, 44%, 100%
XYZ	46.6655, 36.6320, 98.5537
YIQ	166.7170, -13.5790, 42.3650

Conversions

Conversions Part 2

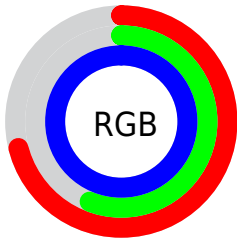
Format	Color
R _Y B	180, 143, 254
Decimal	11833342
CIE Lab	67.00, 36.69, -50.36
CIE LCh	67, 62.308, 306.074
Yxy	36.6320, 0.2566, 0.2014
Android (android.graphics.Color)	4290023422 (0xFFB48FFE)
YUV	166.7170, 43.0305, 11.6492
Hunter-Lab	60.5244, 31.7094, -54.1767

Details

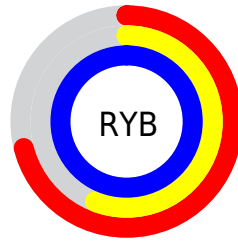
The CIELCh color `67, 62.308, 306.074` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `95, 56.935, 120.635`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 33.703, 316.928`, and `47, 62.455, 306.020` is the 20% darker color. If you saturate the color by 10%, you get `60, 77.429, 306.924`, and if you desaturate by 10%, it is `74, 47.335, 305.259`.

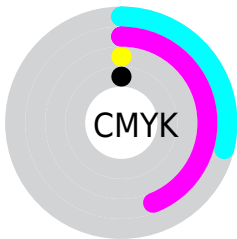
Distribution



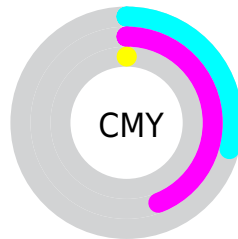
- Red (71%)
- Green (56%)
- Blue (100%)



- Red (71%)
- Yellow (56%)
- Blue (100%)



- Cyan (29%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (29%)
- Magenta (44%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 62.308, 306.074 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, 62.308, 306.074 by changing the saturation by 10% instead.


 67, 62.308,
306.074


 67, 62.308,
306.074


 100, 62.308,
306.074


 57, 62.308,
306.074


 87, 62.308,
306.074

 47, 62.308,
306.074

 97, 62.308,
306.074

 37, 62.308,
306.074

 27, 62.308,
306.074

 17, 62.308,
306.074

 7, 62.308, 306.074

 0, 62.308, 306.074

67, 62.308,
306.074

67, 62.308,
306.074

60, 77.429,
306.924

74, 47.335,
305.259

53, 92.287,
307.749

82, 32.721,
304.507

47, 106.129,
308.447

89, 18.555,
303.830

42, 117.784,
308.867

97, 4.866, 303.222

38, 125.866,
308.834

100, 0.389,
109.950

36, 129.101,
308.595

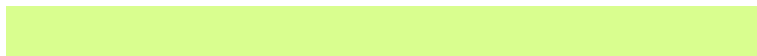
Harmonies

Complementary

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



67, 62.308, 306.074



95, 56.935, 120.635

Rectangle

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



67, 62.308, 306.074



67, 62.308, 356.074



67, 62.308, 126.074



67, 62.308, 176.074

Sweetspot

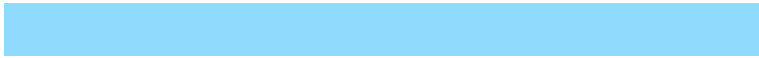
The Sweet Spot groups the original color and five complimentary colors.



67, 62.307, 306.074



90, 17.719, 303.790



84, 28.430, 239.276



47, 12.446, 303.932



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, 62.307, 306.074



61, 75.153, 306.786



72, 66.077, 321.230



49, 7.703, 303.573



26, 104.012, 308.759



5, 44.810, 308.500

Inverse Universe

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



73, 54.792, 339.187



69, 64.437, 340.040



92, 65.026, 136.734



50, 7.169, 336.297



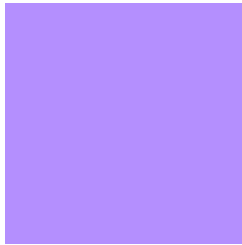
42, 72.830, 347.458



11, 34.342, 344.425

Previews

White Background



This preview shows how the CIELCh color 67, 62.308, 306.074 looks on a white background.

Color Contrast Check

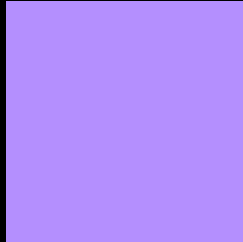
Large Text (above 18pt) WCAG AA × Fail

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, 62.308, 306.074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

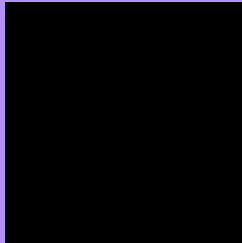
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 62.308, 306.074

Background



This preview shows how black text looks on a background with the CIELCh color 67, 62.308, 306.074.

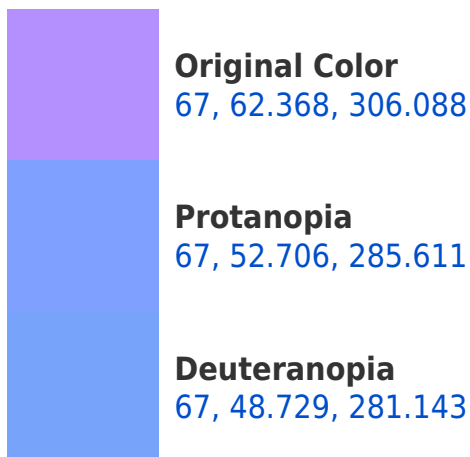



This preview shows how white text looks on a background with the CIELCh color 67, 62.308, 306.074.

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, 7.366, 302.510

Trichromacy



Original Color
67, 62.368, 306.088



Protanomaly
67, 55.747, 293.308



Deuteranomaly
67, 53.003, 291.113



Tritanomaly
67, 27.261, 304.495

Monochromacy



Original Color
67, 62.368, 306.088



Achromatopsia
68, 0.008, 296.813



Achromatomaly
68, 23.277, 304.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 62.308, 306.074 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(180, 143, 254)` looks like.

```
.text, #text, p{  
    color:rgb(180, 143, 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(180, 143, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 143, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 62.308, 306.074 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(180, 143, 254) }
```

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

```
.border{ border-color:rgb(180, 143, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 143, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 143, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 143, 254);  
box-shadow:4px 4px 4px 4px rgb(180, 143,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 62.308, 306.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 143, 254) }
```

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

```
.background{ background-color: rgb(180,  
143, 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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