

Converting Colors

CIELCh(67, 64.883, 307.738)

Have a look what the booklet for
CIELCh(67, 64.883, 307.738)
contains.

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Color

CIELCh(67, 64.312, 307.794)

Conversions

Conversions Part 1

Format	Color
Hex	B98DFF
RGB	185, 141, 255
RGB Percent	73%, 55%, 100%
CMY	0.2741, 0.4467, 0.0000
CMYK	0.27, 0.45, 0.00, 0.00
HSL	263°, 100%, 78%
HSV	263°, 45%, 100%
XYZ	47.6387, 36.6320, 99.2579
YIQ	167.1520, -10.3700, 44.7820

Conversions

Conversions Part 2

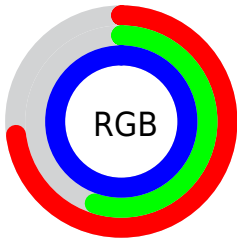
Format	Color
RYB	185, 141, 255
Decimal	12160511
CIELab	67.00, 39.41, -50.82
CIElCh	67, 64.312, 307.794
Yxy	36.6320, 0.2596, 0.1996
Android (android.graphics.Color)	4290350591 (0xFFB98DFF)
YUV	167.1520, 43.3091, 15.6527
Hunter-Lab	60.5244, 34.5796, -54.8665

Details

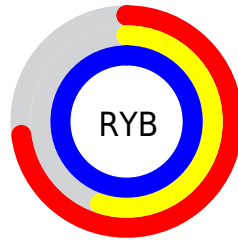
The CIELCh color $67, 64.312, 307.794$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $95, 59.038, 122.710$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 35.670, 319.862$, and $47, 64.339, 307.734$ is the 20% darker color. If you saturate the color by 10%, you get $60, 79.282, 308.529$, and if you desaturate by 10%, it is $74, 49.254, 307.085$.

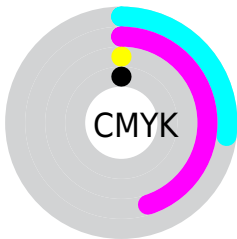
Distribution



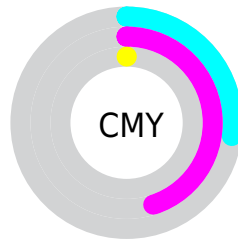
- Red (73%)
- Green (55%)
- Blue (100%)



- Red (73%)
- Yellow (55%)
- Blue (100%)



- Cyan (27%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (45%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 64.312, 307.794 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, 64.312, 307.794 by changing the saturation by 10% instead.

 67, 64.312,
307.794

 67, 64.312,
307.794


 100, 64.312,
307.794

 57, 64.312,
307.794


 87, 64.312,
307.794

 47, 64.312,
307.794

 97, 64.312,
307.794

 37, 64.312,
307.794

 27, 64.312,
307.794

 17, 64.312,
307.794

 7, 64.312, 307.794

 0, 64.312, 307.794

67, 64.312,
307.794

67, 64.312,
307.794

60, 79.282,
308.529

74, 49.254,
307.085

53, 93.867,
309.199

82, 34.530,
306.409

47, 107.217,
309.713

89, 20.205,
305.789

43, 118.185,
309.930

97, 6.329, 305.226

39, 125.537,
309.697

100, 0.012,
296.813

38, 128.095,
309.422

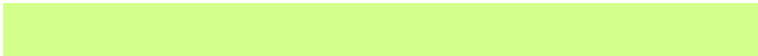
Harmonies

Complementary

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



67, 64.312, 307.794



95, 59.038, 122.710

Rectangle

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



67, 64.312, 307.794



67, 64.312, 357.794



67, 64.312, 127.794



67, 64.312, 177.794

Sweetspot

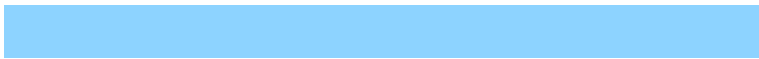
The Sweet Spot groups the original color and five complimentary colors.



67, 64.255, 307.804



90, 17.860, 305.692



82, 30.209, 248.996



47, 12.542, 305.821



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, 64.255, 307.804



60, 78.287, 308.482



73, 68.564, 323.314



49, 7.767, 305.493



27, 102.955, 309.602



5, 44.883, 309.838

Inverse Universe

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



73, 54.278, 341.947



68, 64.430, 343.050



92, 68.020, 138.304



50, 6.903, 338.680



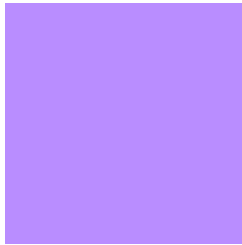
42, 70.800, 351.810



11, 33.373, 347.997

Previews

White Background



This preview shows how the CIELCh color 67, 64.312, 307.794 looks on a white background.

Color Contrast Check

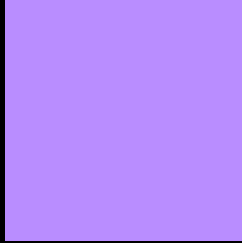
Large Text (above 18pt) WCAG AA × Fail

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, 64.312, 307.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

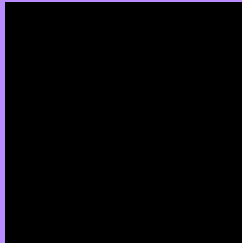
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 64.312, 307.794

Background



This preview shows how black text looks on a background with the CIELCh color 67, 64.312, 307.794.




This preview shows how white text looks on a background with the CIELCh color 67, 64.312, 307.794.

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, 7.660, 320.084

Trichromacy



Original Color
67, 64.312, 307.794

Protanomaly
67, 56.325, 294.235

Deuteranomaly
67, 53.572, 291.818

Tritanomaly
67, 28.331, 308.496

Monochromacy



Original Color
67, 64.312, 307.794

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 23.433, 306.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 64.312, 307.794 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(185, 141, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 141, 255)  
}
```

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(185, 141, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 141, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 64.312, 307.794 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(185, 141, 255) }
```

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

```
.border{ border-color:rgb(185, 141, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 141, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 141, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 141, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 141,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 64.312, 307.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 141, 255) }
```

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

```
.background{ background-color: rgb(185,  
141, 255) }
```

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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