

Converting Colors

CIELCh(70, 65.056, 317.840)

Have a look what the booklet for
CIELCh(70, 65.056, 317.840)
contains.

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Color

CIELCh(70, 65.127, 317.989)

Conversions

Conversions Part 1

Format	Color
Hex	DB8CFB
RGB	219, 140, 251
RGB Percent	86%, 55%, 98%
CMY	0.1414, 0.4512, 0.0159
CMYK	0.13, 0.44, 0.00, 0.02
HSL	283°, 93%, 77%
HSV	283°, 44%, 98%
XYZ	55.9654, 40.7494, 96.1276
YIQ	176.2750, 11.4530, 51.2690

Conversions

Conversions Part 2

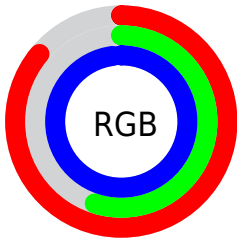
Format	Color
R _Y B	219, 140, 251
Decimal	14388475
CIE Lab	70.00, 48.39, -43.59
CIE LCh	70, 65.127, 317.989
Yxy	40.7494, 0.2902, 0.2113
Android (android.graphics.Color)	4292578555 (0xFFDB8CFB)
YUV	176.2750, 36.8394, 37.4698
Hunter-Lab	63.8353, 44.7820, -44.5983

Details

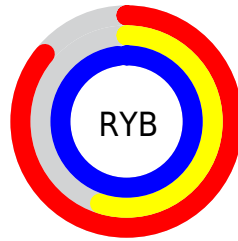
The CIELCh color **70, 65.127, 317.989** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **92, 63.140, 133.824**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 37.631, 325.731**, and **50, 65.300, 317.998** is the 20% darker color. If you saturate the color by 10%, you get **64, 79.217, 318.329**, and if you desaturate by 10%, it is **76, 50.421, 317.583**.

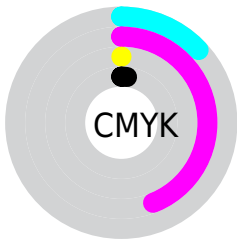
Distribution



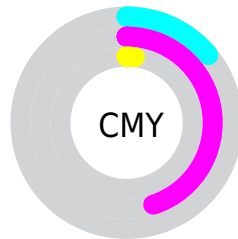
- Red (86%)
- Green (55%)
- Blue (98%)



- Red (86%)
- Yellow (55%)
- Blue (98%)



- Cyan (13%)
- Magenta (44%)
- Yellow (0%)
- Black (2%)





- Cyan (14%)
- Magenta (45%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 65.127, 317.989 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 70, 65.127, 317.989 by changing the saturation by 10% instead.


 70, 65.127,
317.989


 70, 65.127,
317.989


 100, 65.127,
317.989


 60, 65.127,
317.989


 90, 65.127,
317.989

 50, 65.127,
317.989

 40, 65.127,
317.989

 30, 65.127,
317.989

 20, 65.127,
317.989

 10, 65.127,
317.989

 0, 65.127, 317.989

70, 65.127,
317.989

70, 65.127,
317.989

64, 79.217,
318.329

76, 50.421,
317.583

59, 92.116,
318.557

83, 35.517,
317.146

55, 103.091,
318.611

89, 20.684,
316.700

51, 111.376,
318.428

96, 6.089, 316.245

49, 116.443,
317.949

100, 2.051,
109.987

48, 118.162,
317.562

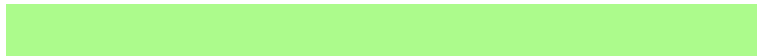
Harmonies

Complementary

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



70, 65.127, 317.989



92, 63.140, 133.824

Rectangle

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



70, 65.127, 317.989



70, 65.127, 7.989



70, 65.127, 137.989



70, 65.127, 187.989

Sweetspot

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



70, 65.125, 317.989



91, 19.120, 316.646



71, 42.995, 281.359



47, 13.408, 316.744



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70, 65.125, 317.989



66, 78.546, 318.294



73, 59.997, 333.477



49, 8.195, 316.489



36, 95.293, 317.723



8, 42.835, 318.909

Inverse Universe

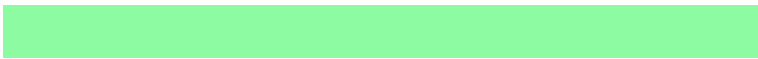
The Inverse Universe completely reimagines the original color for something new.



71, 45.553, 2.493



67, 55.285, 4.331



90, 59.941, 146.698



49, 5.541, 357.631



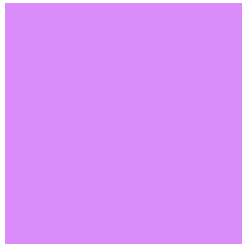
40, 70.367, 22.255



9, 30.610, 12.799

Previews

White Background



This preview shows how the CIELCh color 70, 65.127, 317.989 looks on a white background.

Color Contrast Check

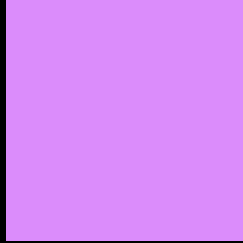
Large Text (above 18pt) WCAG AA × Fail

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 70, 65.127, 317.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

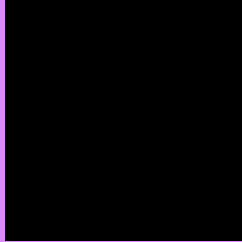
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 65.127, 317.989

Background



This preview shows how black text looks on a background with the CIELCh color 70, 65.127, 317.989.



This preview shows how white text looks on a background with the CIELCh color 70, 65.127, 317.989.

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



Original Color

70, 65.127, 317.989

Protanopia

70, 47.324, 285.028

Deuteranopia

70, 41.435, 283.108



Tritanopia
70, 20.033, 2.383

Trichromacy



Original Color
70, 65.127, 317.989



Protanomaly
70, 52.861, 298.694



Deuteranomaly
70, 48.529, 299.080



Tritanomaly
70, 33.988, 332.347

Monochromacy



Original Color
70, 65.127, 317.989



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 24.305, 317.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 65.127, 317.989 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(219, 140, 251)` looks like.

```
.text, #text, p{  
    color:rgb(219, 140, 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(219, 140, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 140, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 65.127, 317.989 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(219, 140, 251) }
```

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

```
.border{ border-color:rgb(219, 140, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 140, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 140, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 140, 251);  
box-shadow:4px 4px 4px 4px rgb(219, 140,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 65.127, 317.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 140, 251) }
```

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

```
.background{ background-color: rgb(219,  
140, 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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