

Converting Colors

CIELCh(70, 65.366, 318.597)

Have a look what the booklet for
CIELCh(70, 65.366, 318.597)
contains.

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Color

CIELCh(70, 65.352, 318.558)

Conversions

Conversions Part 1

Format	Color
Hex	DC8BFA
RGB	220, 139, 250
RGB Percent	86%, 55%, 98%
CMY	0.1359, 0.4536, 0.0183
CMYK	0.12, 0.44, 0.00, 0.02
HSL	284°, 92%, 76%
HSV	284°, 44%, 98%
XYZ	56.2058, 40.7494, 95.6268
YIQ	175.8730, 12.6450, 51.6930

Conversions

Conversions Part 2

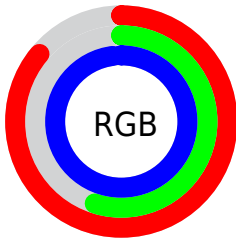
Format	Color
R _Y B	220, 139, 250
Decimal	14453754
CIE Lab	70.00, 48.99, -43.25
CIE LCh	70, 65.352, 318.558
Yxy	40.7494, 0.2919, 0.2116
Android (android.graphics.Color)	4292643834 (0xFFDC8BFA)
YUV	175.8730, 36.5446, 38.6994
Hunter-Lab	63.8353, 45.4542, -44.1331

Details

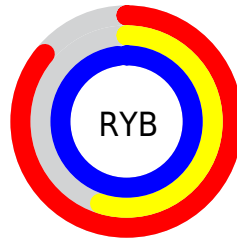
The CIELCh color **70, 65.352, 318.558** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **91, 63.525, 134.335**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 38.257, 325.753**, and **50, 65.459, 318.585** is the 20% darker color. If you saturate the color by 10%, you get **64, 79.367, 318.893**, and if you desaturate by 10%, it is **76, 50.677, 318.156**.

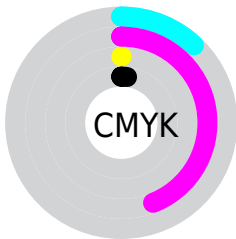
Distribution



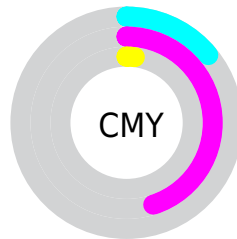
- Red (86%)
- Green (55%)
- Blue (98%)



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



- Cyan (12%)
- Magenta (44%)
- Yellow (0%)
- Black (2%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 65.352, 318.558 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, 65.352, 318.558 by changing the saturation by 10% instead.


 70, 65.352,
318.558


 70, 65.352,
318.558


 100, 65.352,
318.558


 60, 65.352,
318.558


 90, 65.352,
318.558

 50, 65.352,
318.558

 40, 65.352,
318.558

 30, 65.352,
318.558

 20, 65.352,
318.558

 10, 65.352,
318.558

 0, 65.352, 318.558

70, 65.352,
318.558

70, 65.352,
318.558

64, 79.367,
318.893

76, 50.677,
318.156

59, 92.142,
319.115

82, 35.771,
317.720

55, 102.949,
319.166

89, 20.912,
317.274

52, 111.045,
318.985

95, 6.277, 316.817

49, 115.940,
318.521

100, 2.373,
117.059

48, 117.560,
318.156

100, 2.351,
109.970

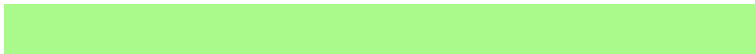
Harmonies

Complementary

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



70, 65.352, 318.558



91, 63.525, 134.335

Rectangle

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



70, 65.352, 318.558



70, 65.352, 8.558



70, 65.352, 138.558



70, 65.352, 188.558

Sweetspot

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



70, 65.350, 318.558



91, 19.209, 317.214



71, 43.992, 282.523



47, 13.469, 317.313



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, 65.350, 318.558



66, 78.698, 318.855



73, 59.359, 334.144



49, 8.234, 317.057



36, 94.986, 318.309



8, 42.730, 319.444

Inverse Universe

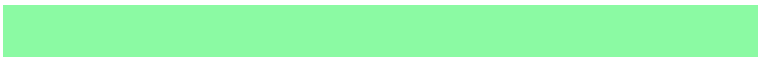
The Inverse Universe completely reimagines the original color for something new.



71, 45.399, 3.843



67, 55.134, 5.691



90, 59.239, 147.240



49, 5.494, 358.910



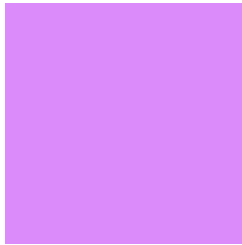
40, 71.046, 23.842



9, 30.677, 13.934

Previews

White Background



This preview shows how the CIELCh color 70, 65.352, 318.558 looks on a white background.

Color Contrast Check

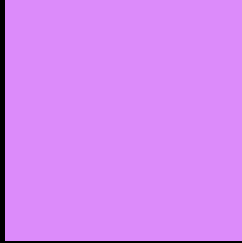
Large Text (above 18pt) WCAG AA × Fail

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 70, 65.352, 318.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

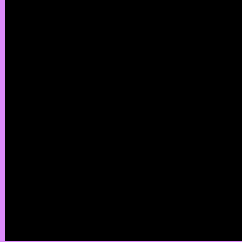
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 65.352, 318.558

Background



This preview shows how black text looks on a background with the CIELCh color 70, 65.352, 318.558.



This preview shows how white text looks on a background with the CIELCh color 70, 65.352, 318.558.

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
70, 20.406, 2.791

Trichromacy



Original Color
70, 65.352, 318.558



Protanomaly
70, 52.340, 299.022



Deuteranomaly
70, 48.550, 299.440



Tritanomaly
70, 34.210, 332.860

Monochromacy



Original Color
70, 65.352, 318.558



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, 65.352, 318.558 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(220, 139, 250)` looks like.

```
.text, #text, p{  
    color:rgb(220, 139, 250)  
}
```

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(220, 139, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 139, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 65.352, 318.558 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(220, 139, 250) }
```

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

```
.border{ border-color:rgb(220, 139, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 139, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 139, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 139, 250);  
box-shadow:4px 4px 4px 4px rgb(220, 139,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 65.352, 318.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 139, 250) }
```

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

```
.background{ background-color: rgb(220,  
139, 250) }
```

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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