

Converting Colors

CIELCh(71, 54.004, 316.540)

Have a look what the booklet for
CIELCh(71, 54.004, 316.540)
contains.

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Color

CIELCh(71, 54.047, 316.546)

Conversions

Conversions Part 1

Format	Color
Hex	D496F2
RGB	212, 150, 242
RGB Percent	83%, 59%, 95%
CMY	0.1689, 0.4120, 0.0512
CMYK	0.12, 0.38, 0.00, 0.05
HSL	280°, 78%, 77%
HSV	280°, 38%, 95%
XYZ	54.0463, 42.1875, 89.2468
YIQ	179.0260, 7.4200, 41.7560

Conversions

Conversions Part 2

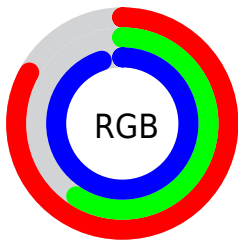
Format	Color
R _Y B	212, 150, 242
Decimal	13932274
CIE Lab	71.00, 39.23, -37.17
CIE LCh	71, 54.047, 316.546
Yxy	42.1875, 0.2914, 0.2274
Android (android.graphics.Color)	4292122354 (0xFFD496F2)
YUV	179.0260, 31.0462, 28.9182
Hunter-Lab	64.9519, 34.8636, -36.0008

Details

The CIELCh color $71, 54.047, 316.546$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $90, 52.356, 133.048$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 31.354, 325.516$, and $51, 54.181, 316.425$ is the 20% darker color. If you saturate the color by 10%, you get $65, 68.181, 316.944$, and if you desaturate by 10%, it is $77, 39.652, 316.110$.

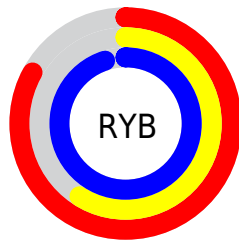
Distribution



Red (83%)

Green (59%)

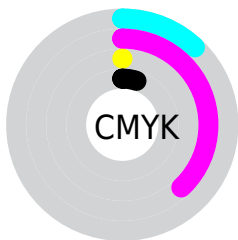
Blue (95%)



Red (83%)

Yellow (59%)

Blue (95%)

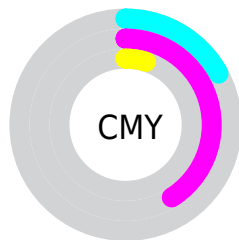


Cyan (12%)

Magenta (38%)

Yellow (0%)

Black (5%)



Cyan (17%)


Magenta (41%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 54.047, 316.546 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 71, 54.047, 316.546 by changing the saturation by 10% instead.


 71, 54.047,
316.546


 71, 54.047,
316.546


 100, 54.047,
316.546


 61, 54.047,
316.546


 91, 54.047,
316.546

 51, 54.047,
316.546

 41, 54.047,
316.546

 31, 54.047,
316.546

 21, 54.047,
316.546

 11, 54.047,
316.546

 1, 54.047, 316.546

0, 54.047, 316.546

71, 54.047,
316.546

71, 54.047,
316.546

65, 68.181,
316.944

77, 39.652,
316.110

60, 81.621,
317.263

84, 25.291,
315.663

55, 93.749,
317.449

90, 11.140,
315.219

50, 103.806,
317.431

97, 2.697, 134.898

47, 111.045,
317.136

99, 6.753, 120.630

45, 115.135,
316.521

100, 6.613,
109.672

■ 45,115.765,
316.385

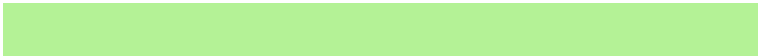
Harmonies

Complementary

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



71, 54.047, 316.546



90, 52.356, 133.048

Rectangle

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



71, 54.047, 316.546



71, 54.047, 6.546



71, 54.047, 136.546



71, 54.047, 186.546

Sweetspot

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



71, 54.045, 316.546



92, 15.992, 315.352



73, 34.140, 277.476



48, 10.761, 315.413



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 54.045, 316.546



69, 68.205, 316.873



74, 51.647, 331.792



47, 7.843, 315.283



33, 94.024, 316.557



6, 40.088, 317.658

Inverse Universe

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



72, 38.329, 358.681



71, 48.508, 0.092



88, 51.571, 146.326



47, 5.457, 355.020



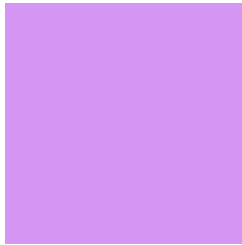
39, 67.716, 18.691



8, 28.759, 8.665

Previews

White Background



This preview shows how the CIELCh color 71, 54.047, 316.546 looks on a white background.

Color Contrast Check

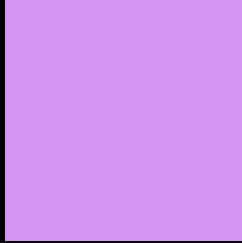
Large Text (above 18pt) WCAG AA × Fail

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 71, 54.047, 316.546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

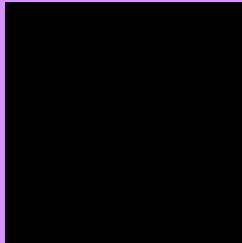
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 54.047, 316.546

Background



This preview shows how black text looks on a background with the CIELCh color 71, 54.047, 316.546.



This preview shows how white text looks on a background with the CIELCh color 71, 54.047, 316.546.

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
71, 15.911, 356.740

Trichromacy



Original Color
71, 54.047, 316.546



Protanomaly
71, 47.710, 297.207



Deuteranomaly
71, 41.306, 299.326



Tritanomaly
71, 28.131, 329.472

Monochromacy



Original Color
71, 54.047, 316.546



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 20.386, 315.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 54.047, 316.546 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(212, 150, 242)` looks like.

```
.text, #text, p{  
    color:rgb(212, 150, 242)  
}
```

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(212, 150, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 150, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 54.047, 316.546 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(212, 150, 242) }
```

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

```
.border{ border-color:rgb(212, 150, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 150, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 150, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 150, 242);  
box-shadow:4px 4px 4px 4px rgb(212, 150,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 54.047, 316.546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 150, 242) }
```

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

```
.background{ background-color: rgb(212,  
150, 242) }
```

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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