

Converting Colors

CIELCh(71, 42.222, 293.915)

Have a look what the booklet for
CIELCh(71, 42.222, 293.915)
contains.

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Color

CIELCh(71, 42.074, 293.745)

Conversions

Conversions Part 1

Format	Color
Hex	A6A7F4
RGB	166, 167, 244
RGB Percent	65%, 65%, 96%
CMY	0.3497, 0.3457, 0.0438
CMYK	0.32, 0.32, 0.00, 0.04
HSL	239°, 78%, 80%
HSV	239°, 32%, 96%
XYZ	45.7818, 42.1875, 91.1778
YIQ	175.4790, -25.3130, 23.7350

Conversions

Conversions Part 2

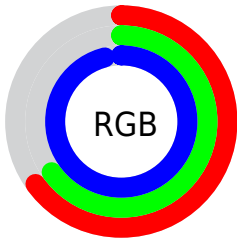
Format	Color
R _Y B	166, 167, 244
Decimal	10921972
CIE Lab	71.00, 16.94, -38.51
CIE LCh	71, 42.074, 293.745
Yxy	42.1875, 0.2556, 0.2355
Android (android.graphics.Color)	4289112052 (0xFFA6A7F4)
YUV	175.4790, 33.7809, -8.3131
Hunter-Lab	64.9519, 12.1512, -37.7634

Details

The CIELCh color **71, 42.074, 293.745** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **94, 38.938, 106.513**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 17.205, 292.690**, and **51, 41.936, 294.004** is the 20% darker color. If you saturate the color by 10%, you get **63, 56.427, 295.510**, and if you desaturate by 10%, it is **79, 28.314, 292.233**.

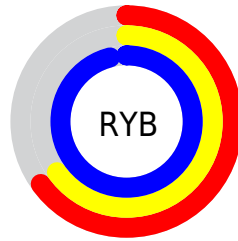
Distribution



Red (65%)

Green (65%)

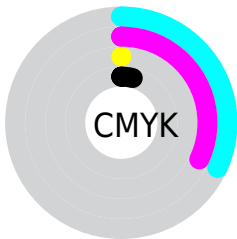
Blue (96%)



Red (65%)

Yellow (65%)

Blue (96%)

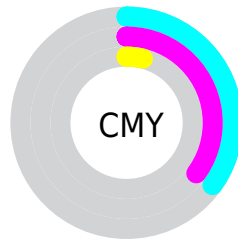


Cyan (32%)

Magenta (32%)

Yellow (0%)

Black (4%)



Cyan (35%)


Magenta (35%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 42.074, 293.745 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, 42.074, 293.745 by changing the saturation by 10% instead.


 71, 42.074,
293.745


 71, 42.074,
293.745


 100, 42.074,
293.745


 61, 42.074,
293.745


 91, 42.074,
293.745

 51, 42.074,
293.745

 41, 42.074,
293.745

 31, 42.074,
293.745

 21, 42.074,
293.745

 11, 42.074,
293.745

 1, 42.074, 293.745

■ 0, 42.074, 293.745

■ 71, 42.074,
293.745

■ 71, 42.074,
293.745

■ 63, 56.427,
295.510

■ 79, 28.314,
292.233

■ 56, 71.342,
297.530

■ 87, 15.125,
290.951

■ 48, 86.609,
299.751

■ 95, 2.466, 289.891

■ 42, 101.612,
302.025

■ 100, 5.655,
109.742

■ 36, 114.996,
304.076

■ 32, 124.671,
305.553

■ 31, 128.832,
306.177

Harmonies

Complementary

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



71, 42.074, 293.745



94, 38.938, 106.513

Rectangle

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



71, 42.074, 293.745



71, 42.074, 343.745



71, 42.074, 113.745



71, 42.074, 163.745

Sweetspot

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



71, 42.073, 293.745



92, 13.036, 290.724



91, 25.003, 196.261



48, 8.918, 290.886



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, 42.073, 293.745



69, 52.518, 294.792



74, 44.204, 310.101



47, 7.160, 290.664



22, 105.041, 306.133



3, 39.546, 299.562

Inverse Universe

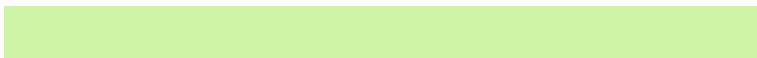
The Inverse Universe completely reimagines the original color for something new.



76, 31.030, 21.219



75, 39.044, 22.105



92, 42.166, 126.965



48, 5.079, 18.897



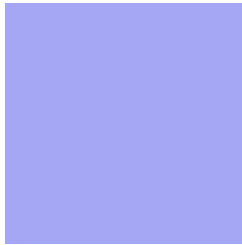
39, 81.956, 39.474



8, 30.941, 24.494

Previews

White Background



This preview shows how the CIELCh color 71, 42.074, 293.745 looks on a white background.

Color Contrast Check

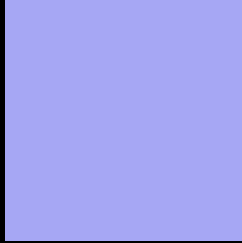
Large Text (above 18pt) WCAG AA × Fail

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, 42.074, 293.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

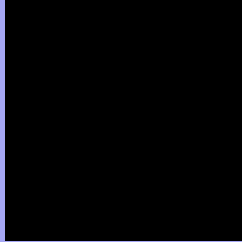
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 42.074, 293.745

Background



This preview shows how black text looks on a background with the CIELCh color 71, 42.074, 293.745.



This preview shows how white text looks on a background with the CIELCh color 71, 42.074, 293.745.

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

71, 42.074, 293.745

Protanopia

71, 41.698, 285.544

Deuteranopia

71, 39.040, 284.138



Tritanopia
71, 10.693, 244.812

Trichromacy



Original Color
71, 42.074, 293.745

Protanomaly
71, 42.105, 288.860

Deuteranomaly
71, 39.938, 287.875

Tritanomaly
71, 20.616, 279.002

Monochromacy



Original Color
71, 42.074, 293.745

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 15.301, 291.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 42.074, 293.745 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(166, 167, 244)` looks like.

```
.text, #text, p{  
    color:rgb(166, 167, 244)  
}
```

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(166, 167, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 167, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 42.074, 293.745 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(166, 167, 244) }
```

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

```
.border{ border-color:rgb(166, 167, 244) }
```

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

Here you see how a box with a 4 pixel rgb(166, 167, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 167, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 167, 244);  
box-shadow:4px 4px 4px 4px rgb(166, 167,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 42.074, 293.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 167, 244) }
```

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

```
.background{ background-color: rgb(166,  
167, 244) }
```

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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