

Converting Colors

CIELCh(71, 78.271, 325.412)

Have a look what the booklet for
CIELCh(71, 78.271, 325.412)
contains.

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Color

CIELCh(71, 77.832, 325.680)

Conversions

Conversions Part 1

Format	Color
Hex	F97EFF
RGB	249, 126, 255
RGB Percent	98%, 49%, 100%
CMY	0.0243, 0.5066, 0.0007
CMYK	0.02, 0.51, 0.00, 0.00
HSL	297°, 100%, 75%
HSV	297°, 51%, 100%
XYZ	64.4551, 42.1875, 99.1946
YIQ	177.4830, 31.8990, 66.1950

Conversions

Conversions Part 2

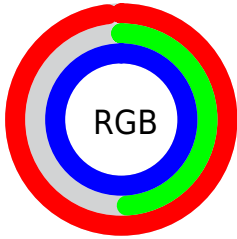
Format	Color
R _Y B	249, 126, 255
Decimal	16350975
CIE Lab	71.00, 64.28, -43.88
CIE LCh	71, 77.832, 325.680
Yxy	42.1875, 0.3131, 0.2050
Android (android.graphics.Color)	4294541055 (0xFFFF97EFF)
YUV	177.4830, 38.2159, 62.7204
Hunter-Lab	64.9519, 63.4689, -45.0814

Details

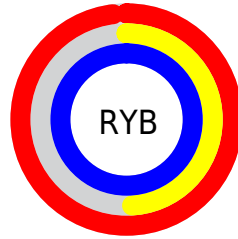
The CIELCh color **71, 77.832, 325.680** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **91, 77.928, 139.308**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 45.110, 325.986**, and **51, 78.165, 325.649** is the 20% darker color. If you saturate the color by 10%, you get **67, 90.590, 326.035**, and if you desaturate by 10%, it is **76, 63.517, 325.252**.

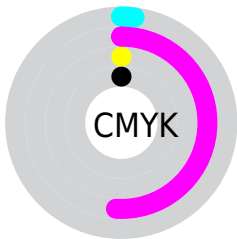
Distribution



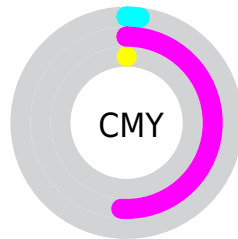
- Red (98%)
- Green (49%)
- Blue (100%)



- Red (98%)
- Yellow (49%)
- Blue (100%)



- Cyan (2%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (51%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 77.832, 325.680 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, 77.832, 325.680 by changing the saturation by 10% instead.


 71, 77.832,
325.680

 71, 77.832,
325.680


 100, 77.832,
325.680

 61, 77.832,
325.680

 91, 77.832,
325.680

 51, 77.832,
325.680

 41, 77.832,
325.680

 31, 77.832,
325.680

 21, 77.832,
325.680

 11, 77.832,
325.680

 1, 77.832, 325.680

0, 77.832, 325.680

71, 77.832,
325.680

71, 77.832,
325.680

67, 90.590,
326.035

76, 63.517,
325.252

63, 101.154,
326.293

81, 48.251,
324.772

61, 108.960,
326.436

87, 32.518,
324.260

59, 113.726,
326.453

93, 16.678,
323.730

58, 115.787,
326.370

100, 0.976,
322.923

100, 0.084,
109.249

Harmonies

Complementary

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



71, 77.832, 325.680



91, 77.928, 139.308

Rectangle

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



71, 77.832, 325.680



71, 77.832, 15.680



71, 77.832, 145.680



71, 77.832, 195.680

Sweetspot

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



71, 77.829, 325.680



91, 23.625, 323.964



60, 68.888, 295.893



47, 16.132, 324.076



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, 77.829, 325.680



67, 91.089, 326.047



70, 58.621, 346.188



50, 8.927, 323.669



44, 93.307, 326.401



12, 42.910, 326.619

Inverse Universe

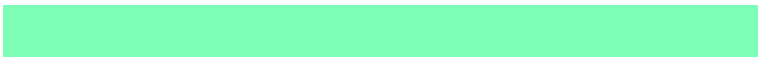
The Inverse Universe completely reimagines the original color for something new.



68, 53.427, 22.032



63, 65.672, 24.717



91, 56.410, 155.744



49, 5.257, 16.177



40, 82.252, 38.229



10, 32.991, 25.309

Previews

White Background



This preview shows how the CIELCh color 71, 77.832, 325.680 looks on a white background.

Color Contrast Check

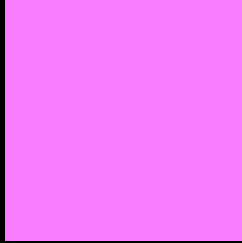
Large Text (above 18pt) WCAG AA × Fail

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, 77.832, 325.680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

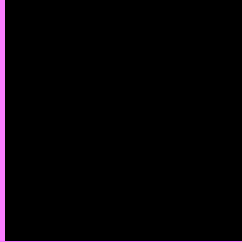
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 77.832, 325.680

Background



This preview shows how black text looks on a background with the CIELCh color 71, 77.832, 325.680.



This preview shows how white text looks on a background with the CIELCh color 71, 77.832, 325.680.

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, 77.832, 325.680

Protanopia

71, 45.568, 284.677

Deuteranopia

71, 40.705, 283.965



Tritanopia
71, 35.402, 13.454

Trichromacy



Original Color
71, 77.832, 325.680



Protanomaly
70, 55.587, 304.025



Deuteranomaly
70, 52.512, 305.137

Tritanomaly
71, 45.966, 346.117

Monochromacy



Original Color
71, 77.832, 325.680



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 30.348, 324.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 77.832, 325.680 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(249, 126, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 126, 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(249, 126, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 126, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 77.832, 325.680 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(249, 126, 255) }
```

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

```
.border{ border-color:rgb(249, 126, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 126, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 126, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 126, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 126,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 77.832, 325.680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 126, 255) }
```

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

```
.background{ background-color: rgb(249,  
126, 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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