

Converting Colors

CIELCh(67, 71.872, 339.708)

Have a look what the booklet for
CIELCh(67, 71.872, 339.708)
contains.

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Color

CIELCh(67, 71.686, 339.581)

Conversions

Conversions Part 1

Format	Color
Hex	FF6CD2
RGB	255, 108, 210
RGB Percent	100%, 42%, 82%
CMY	0.0000, 0.5782, 0.1783
CMYK	0.00, 0.58, 0.18, 0.00
HSL	319°, 100%, 71%
HSV	319°, 58%, 100%
XYZ	58.3462, 36.6320, 64.6662
YIQ	163.5810, 54.8700, 62.8860

Conversions

Conversions Part 2

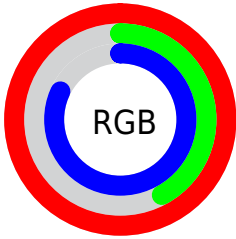
Format	Color
RYB	255, 108, 210
Decimal	16739538
CIELab	67.00, 67.18, -25.01
CIElCh	67, 71.686, 339.581
Yxy	36.6320, 0.3655, 0.2295
Android (android.graphics.Color)	4294929618 (0xFFFF6CD2)
YUV	163.5810, 22.8846, 80.1745
Hunter-Lab	60.5244, 66.1584, -20.9804

Details

The CIELCh color **67, 71.686, 339.581** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 71.473, 148.691**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 56.135, 326.357**, and **47, 71.417, 339.385** is the 20% darker color. If you saturate the color by 10%, you get **63, 80.551, 340.583**, and if you desaturate by 10%, it is **72, 60.752, 338.421**.

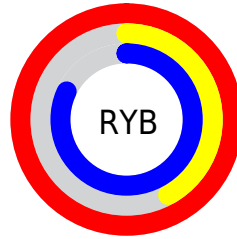
Distribution



Red (100%)

Green (42%)

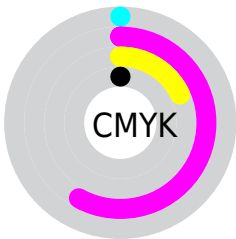
Blue (82%)



Red (100%)

Yellow (42%)

Blue (82%)

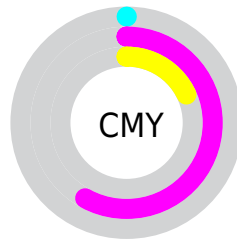


Cyan (0%)

Magenta (58%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 71.686, 339.581 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 67, 71.686, 339.581 by changing the saturation by 10% instead.


 67, 71.686,
339.581


 67, 71.686,
339.581


 100, 71.686,
339.581


 57, 71.686,
339.581


 87, 71.686,
339.581

 47, 71.686,
339.581

 97, 71.686,
339.581

 37, 71.686,
339.581

 27, 71.686,
339.581

 17, 71.686,
339.581

 7, 71.686, 339.581

 0, 71.686, 339.581

67, 71.686,
339.581

67, 71.686,
339.581

63, 80.551,
340.583

72, 60.752,
338.421

60, 87.053,
341.927

77, 48.707,
337.507

58, 90.674,
343.541

83, 35.985,
336.665

57, 91.484,
345.505

89, 22.996,
335.878

56, 91.478,
345.964

95, 10.023,
335.126

100, 0.012,
296.813

Harmonies

Complementary

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



67, 71.686, 339.581



90, 71.473, 148.691

Rectangle

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



67, 71.686, 339.581



67, 71.686, 29.581



67, 71.686, 159.581



67, 71.686, 209.581

Sweetspot

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



67, 71.578, 339.434



89, 21.928, 335.816



57, 83.927, 306.386



46, 14.682, 335.969



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 71.578, 339.434



63, 81.458, 340.730



65, 59.927, 12.295



50, 7.297, 335.253



42, 73.926, 345.560



11, 34.840, 342.865

Inverse Universe

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



67, 71.578, 339.434



63, 81.458, 340.730



92, 46.449, 177.233



50, 7.297, 335.253



42, 73.926, 345.560



11, 34.840, 342.865

Previews

White Background



This preview shows how the CIELCh color 67, 71.686, 339.581 looks on a white background.

Color Contrast Check

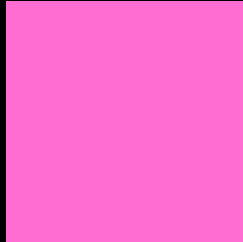
Large Text (above 18pt) WCAG AA × Fail

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 67, 71.686, 339.581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

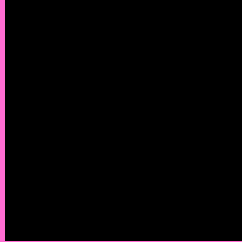
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 71.686, 339.581

Background



This preview shows how black text looks on a background with the CIELCh color 67, 71.686, 339.581.

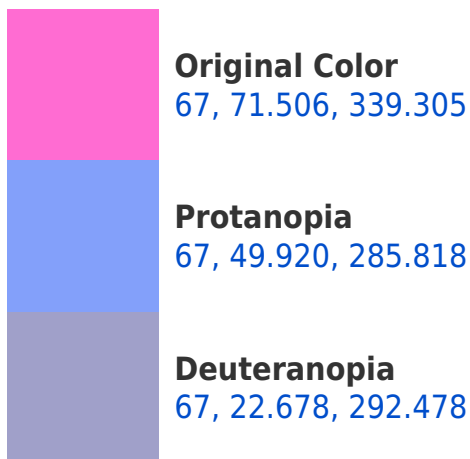


This preview shows how white text looks on a background with the CIELCh color 67, 71.686, 339.581.

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
67, 50.378, 20.297

Trichromacy



Original Color
67, 71.506, 339.305



Protanomaly
65, 53.485, 307.005



Deuteranomaly
66, 39.671, 321.913



Tritanomaly
67, 54.497, 2.004

Monochromacy



Original Color
67, 71.506, 339.305



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 28.376, 336.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 71.686, 339.581 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(255, 108, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 108, 210)  
}
```

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(255, 108, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 108, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 71.686, 339.581 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(255, 108, 210) }
```

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

```
.border{ border-color:rgb(255, 108, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 108, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 108, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 108, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 108,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 71.686, 339.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 108, 210) }
```

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

```
.background{ background-color: rgb(255,  
108, 210) }
```

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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