

Converting Colors

CIELCh(67, 72.123, 338.326)

Have a look what the booklet for
CIELCh(67, 72.123, 338.326)
contains.

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Color

CIELCh(67, 71.958, 338.388)

Conversions

Conversions Part 1

Format	Color
Hex	FE6CD4
RGB	254, 108, 212
RGB Percent	100%, 42%, 83%
CMY	0.0032, 0.5757, 0.1679
CMYK	0.00, 0.57, 0.17, 0.00
HSL	317°, 99%, 71%
HSV	317°, 57%, 100%
XYZ	58.2299, 36.6320, 66.4051
YIQ	163.5100, 53.6320, 63.2960

Conversions

Conversions Part 2

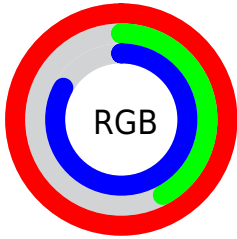
Format	Color
R _Y B	254, 108, 212
Decimal	16674004
CIE Lab	67.00, 66.90, -26.50
CIE LCh	67, 71.958, 338.388
Yxy	36.6320, 0.3611, 0.2272
Android (android.graphics.Color)	4294864084 (0xFFFE6CD4)
YUV	163.5100, 23.9056, 79.3597
Hunter-Lab	60.5244, 65.8155, -22.6837

Details

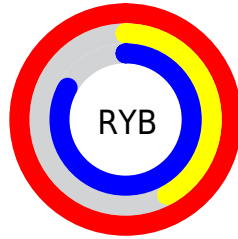
The CIELCh color **67, 71.958, 338.388** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 72.038, 147.986**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 56.135, 326.357**, and **47, 71.929, 338.393** is the 20% darker color. If you saturate the color by 10%, you get **63, 81.091, 339.456**, and if you desaturate by 10%, it is **72, 60.972, 337.435**.

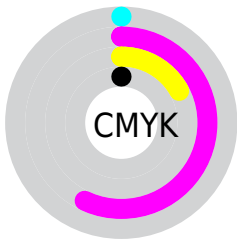
Distribution



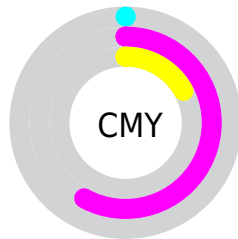
- Red (100%)
- Green (42%)
- Blue (83%)



- Red (100%)
- Yellow (42%)
- Blue (83%)



- Cyan (0%)
- Magenta (57%)
- Yellow (17%)
- Black (0%)



- Cyan (0%)
- Magenta (58%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 71.958, 338.388 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, 71.958, 338.388 by changing the saturation by 10% instead.

 67, 71.958,
338.388

 67, 71.958,
338.388


 100, 71.958,
338.388

 57, 71.958,
338.388

 87, 71.958,
338.388

 47, 71.958,
338.388

 97, 71.958,
338.388

 37, 71.958,
338.388

 27, 71.958,
338.388

 17, 71.958,
338.388

 7, 71.958, 338.388

 0, 71.958, 338.388

67, 71.958,
338.388

67, 71.958,
338.388

63, 81.091,
339.456

72, 60.972,
337.435

60, 87.762,
340.688

77, 48.776,
336.564

58, 91.547,
342.150

83, 35.906,
335.755

57, 92.478,
343.915

89, 22.769,
334.994

57, 92.477,
344.402

95, 9.648, 334.259

100, 0.281,
201.748

Harmonies

Complementary

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



67, 71.958, 338.388



90, 72.038, 147.986

Rectangle

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



67, 71.958, 338.388



67, 71.958, 28.388



67, 71.958, 158.388



67, 71.958, 208.388

Sweetspot

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



67, 71.955, 338.388



89, 22.248, 334.961



56, 83.138, 305.905



46, 14.895, 335.111



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, 71.955, 338.388



63, 82.516, 339.638



65, 59.341, 10.903



50, 7.405, 334.412



43, 74.905, 344.041



11, 35.276, 341.614

Inverse Universe

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



67, 71.955, 338.388



63, 82.516, 339.638



91, 46.749, 175.880



50, 7.405, 334.412



43, 74.905, 344.041



11, 35.276, 341.614

Previews

White Background



This preview shows how the CIELCh color 67, 71.958, 338.388 looks on a white background.

Color Contrast Check

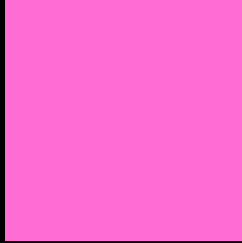
Large Text (above 18pt) WCAG AA × Fail

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, 71.958, 338.388 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, 71.958, 338.388

Background



This preview shows how black text looks on a background with the CIELCh color 67, 71.958, 338.388.

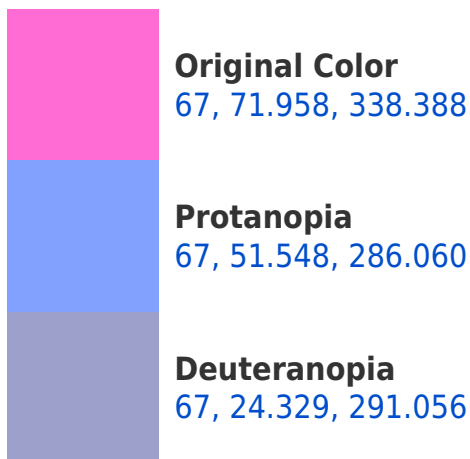


This preview shows how white text looks on a background with the CIELCh color 67, 71.958, 338.388.

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, 49.421, 19.460

Trichromacy



Original Color
67, 71.958, 338.388



Protanomaly
65, 55.018, 306.373



Deuteranomaly
66, 40.792, 319.844



Tritanomaly
67, 54.011, 0.388

Monochromacy



Original Color
67, 71.958, 338.388



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 28.720, 335.484

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 71.958, 338.388 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(254, 108, 212)` looks like.

```
.text, #text, p{  
    color:rgb(254, 108, 212)  
}
```

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(254, 108, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 108, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 71.958, 338.388 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(254, 108, 212) }
```

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

```
.border{ border-color:rgb(254, 108, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 108, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 108, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 108, 212);  
box-shadow:4px 4px 4px 4px rgb(254, 108,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 71.958, 338.388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 108, 212) }
```

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

```
.background{ background-color: rgb(254,  
108, 212) }
```

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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