

Converting Colors

CIELCh(67, 73.284, 338.890)

Have a look what the booklet for
CIELCh(67, 73.284, 338.890)
contains.

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Color

CIELCh(67, 73.102, 338.530)

Conversions

Conversions Part 1

Format	Color
Hex	FF6BD5
RGB	255, 107, 213
RGB Percent	100%, 42%, 84%
CMY	0.0000, 0.5816, 0.1660
CMYK	0.00, 0.58, 0.17, 0.00
HSL	317°, 100%, 71%
HSV	317°, 58%, 100%
XYZ	58.6960, 36.6320, 66.7025
YIQ	163.3360, 54.1820, 64.3420

Conversions

Conversions Part 2

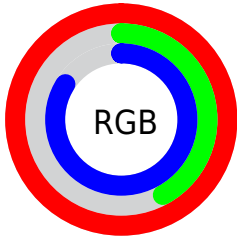
Format	Color
R _{YB}	255, 107, 213
Decimal	16739285
CIE _{Lab}	67.00, 68.03, -26.76
CIE _{LCh}	67, 73.102, 338.530
Yxy	36.6320, 0.3623, 0.2261
Android (android.graphics.Color)	4294929365 (0xFFFF6BD5)
YUV	163.3360, 24.4844, 80.3893
Hunter-Lab	60.5244, 67.1902, -22.9751

Details

The CIELCh color **67, 73.102, 338.530** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 73.152, 147.794**, 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, 73.022, 338.259** is the 20% darker color. If you saturate the color by 10%, you get **63, 81.988, 339.422**, and if you desaturate by 10%, it is **72, 62.066, 337.397**.

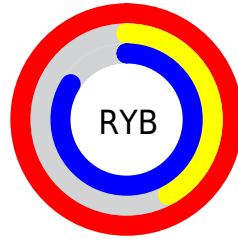
Distribution



Red (100%)

Green (42%)

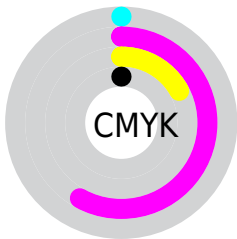
Blue (84%)



Red (100%)

Yellow (42%)

Blue (84%)

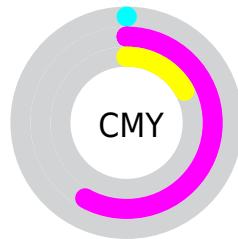


Cyan (0%)

Magenta (58%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 73.102, 338.530 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, 73.102, 338.530 by changing the saturation by 10% instead.


 67, 73.102,
338.530

 67, 73.102,
338.530


 100, 73.102,
338.530


 57, 73.102,
338.530


 87, 73.102,
338.530

 47, 73.102,
338.530

 97, 73.102,
338.530

 37, 73.102,
338.530

 27, 73.102,
338.530

 17, 73.102,
338.530

 7, 73.102, 338.530

 0, 73.102, 338.530

67, 73.102,
338.530

67, 73.102,
338.530

63, 81.988,
339.422

72, 62.066,
337.397

60, 88.483,
340.656

77, 49.891,
336.526

58, 92.066,
342.123

82, 37.003,
335.716

57, 92.838,
343.889

88, 23.820,
334.953

57, 92.837,
344.235

95, 10.636,
334.221

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, 73.102, 338.530



90, 73.152, 147.794

Rectangle

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



67, 73.102, 338.530



67, 73.102, 28.530



67, 73.102, 158.530



67, 73.102, 208.530

Sweetspot

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



67, 72.978, 338.352



89, 22.284, 334.867



56, 84.449, 305.977



46, 14.919, 335.017



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, 72.978, 338.352



62, 83.386, 339.634



65, 60.229, 11.103



50, 7.417, 334.319



43, 75.018, 343.875



11, 35.326, 341.477

Inverse Universe

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



67, 72.978, 338.352



62, 83.386, 339.634



92, 47.308, 175.782



50, 7.417, 334.319



43, 75.018, 343.875



11, 35.326, 341.477

Previews

White Background



This preview shows how the CIELCh color 67, 73.102, 338.530 looks on a white background.

Color Contrast Check

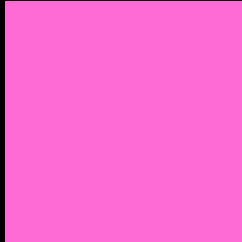
Large Text (above 18pt) WCAG AA × Fail

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, 73.102, 338.530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

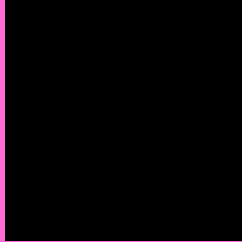
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 73.102, 338.530

Background



This preview shows how black text looks on a background with the CIELCh color 67, 73.102, 338.530.

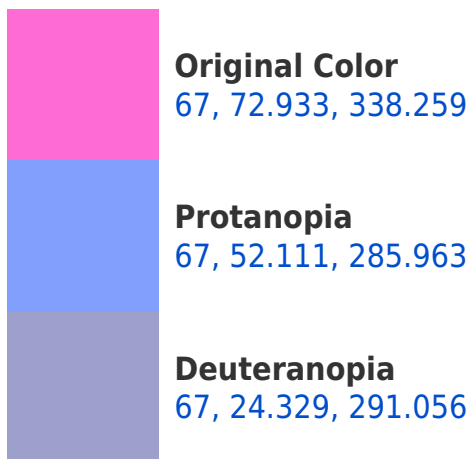


This preview shows how white text looks on a background with the CIELCh color 67, 73.102, 338.530.

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, 49.882, 19.595

Trichromacy



Original Color
67, 72.933, 338.259



Protanomaly
65, 55.545, 306.280



Deuteranomaly
66, 40.792, 319.844



Tritanomaly
67, 54.371, 0.661

Monochromacy



Original Color
67, 72.933, 338.259



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 28.747, 335.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 73.102, 338.530 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, 107, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 213)  
}
```

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, 107, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 73.102, 338.530 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, 107, 213) }
```

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

```
.border{ border-color:rgb(255, 107, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 73.102, 338.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 213) }
```

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

```
.background{ background-color: rgb(255,  
107, 213) }
```

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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