

Converting Colors

CIELCh(74, 75.175, 347.688)

Have a look what the booklet for
CIELCh(74, 75.175, 347.688)
contains.

CIELCh(69, 67.409, 338.920)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(69, 67.409, 338.920)

Conversions

Conversions Part 1

Format	Color
Hex	FF77D6
RGB	255, 119, 214
RGB Percent	100%, 47%, 84%
CMY	0.0000, 0.5346, 0.1621
CMYK	0.00, 0.53, 0.16, 0.00
HSL	318°, 100%, 73%
HSV	318°, 53%, 100%
XYZ	60.1509, 39.3444, 67.8124
YIQ	170.4940, 50.5610, 58.3770

Conversions

Conversions Part 2

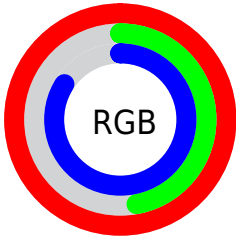
Format	Color
R _Y B	255, 119, 214
Decimal	16742358
CIE Lab	69.00, 62.90, -24.25
CIE LCh	69, 67.409, 338.920
Yxy	39.3444, 0.3595, 0.2352
Android (android.graphics.Color)	4294932438 (0xFFFF77D6)
YUV	170.4940, 21.4485, 74.1118
Hunter-Lab	62.7251, 61.4055, -20.1911

Details

The CIELCh color **69, 67.409, 338.920** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **91, 66.921, 149.131**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 49.432, 326.132**, and **49, 66.956, 338.555** is the 20% darker color. If you saturate the color by 10%, you get **65, 77.160, 339.800**, and if you desaturate by 10%, it is **74, 55.808, 337.779**.

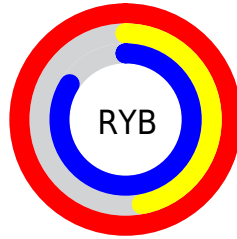
Distribution



Red (100%)

Green (47%)

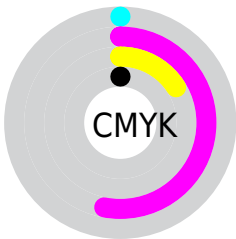
Blue (84%)



Red (100%)

Yellow (47%)

Blue (84%)

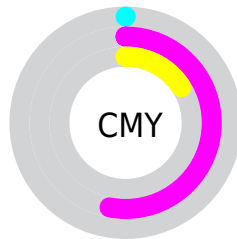


Cyan (0%)

Magenta (53%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 67.409, 338.920 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 69, 67.409, 338.920 by changing the saturation by 10% instead.

 69, 67.409,
338.920

 69, 67.409,
338.920


 100, 67.409,
338.920


 59, 67.409,
338.920


 89, 67.409,
338.920

 49, 67.409,
338.920

 99, 67.409,
338.920

 39, 67.409,
338.920

 29, 67.409,
338.920

 19, 67.409,
338.920

 9, 67.409, 338.920

 0, 67.409, 338.920

69, 67.409,
338.920

69, 67.409,
338.920

65, 77.160,
339.800

74, 55.808,
337.779

61, 84.827,
341.028

79, 43.372,
336.908

59, 89.745,
342.483

85, 30.449,
336.099

57, 91.725,
344.246

91, 17.394,
335.336

57, 91.773,
345.573

98, 4.443, 334.563

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.



69, 67.409, 338.920



91, 66.921, 149.131

Rectangle

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



69, 67.409, 338.920



69, 67.409, 28.920



69, 67.409, 158.920



69, 67.409, 208.920

Sweetspot

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



69, 67.272, 338.733



90, 20.701, 335.526



60, 77.317, 305.976



47, 13.991, 335.682



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 67.272, 338.733



64, 77.632, 339.862



67, 55.382, 11.155



50, 7.323, 335.042



42, 74.163, 345.179



11, 34.946, 342.551

Inverse Universe

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



69, 67.272, 338.733



64, 77.632, 339.862



92, 43.770, 177.784



50, 7.323, 335.042



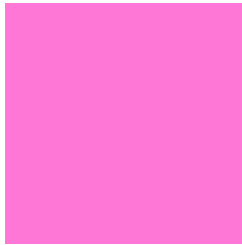
42, 74.163, 345.179



11, 34.946, 342.551

Previews

White Background



This preview shows how the CIELCh color 69, 67.409, 338.920 looks on a white background.

Color Contrast Check

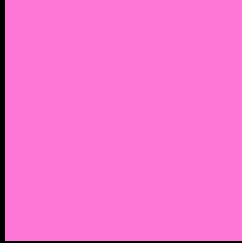
Large Text (above 18pt) WCAG AA × Fail

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 69, 67.409, 338.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

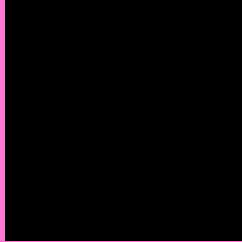
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 67.409, 338.920

Background



This preview shows how black text looks on a background with the CIELCh color 69, 67.409, 338.920.

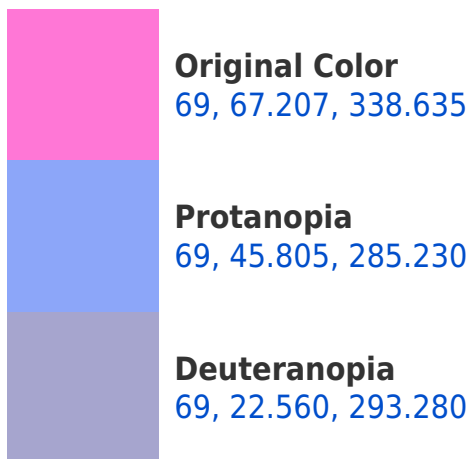


This preview shows how white text looks on a background with the CIELCh color 69, 67.409, 338.920.

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
69, 46.543, 17.954

Trichromacy



Original Color
69, 67.207, 338.635



Protanomaly
68, 49.291, 307.001



Deuteranomaly
68, 37.895, 320.703



Tritanomaly
69, 51.087, 0.146

Monochromacy



Original Color
69, 67.207, 338.635



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 26.675, 336.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 67.409, 338.920 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, 119, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 214)  
}
```

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, 119, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 67.409, 338.920 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, 119, 214) }
```

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

```
.border{ border-color:rgb(255, 119, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 67.409, 338.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 214) }
```

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

```
.background{ background-color: rgb(255,  
119, 214) }
```

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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