

Converting Colors

CIELCh(68, 76.833, 330.453)

Have a look what the booklet for
CIELCh(68, 76.833, 330.453)
contains.

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Color

CIELCh(68, 76.758, 330.561)

Conversions

Conversions Part 1

Format	Color
Hex	F971EB
RGB	249, 113, 235
RGB Percent	98%, 44%, 92%
CMY	0.0233, 0.5566, 0.0782
CMYK	0.00, 0.55, 0.06, 0.02
HSL	306°, 92%, 71%
HSV	306°, 55%, 98%
XYZ	59.9991, 37.9720, 82.8025
YIQ	167.5720, 41.8940, 66.7740

Conversions

Conversions Part 2

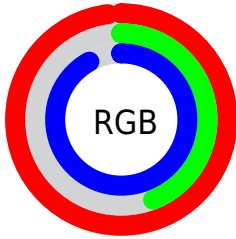
Format	Color
R _Y B	249, 113, 235
Decimal	16347627
CIE _{Lab}	68.00, 66.85, -37.73
CIE _{LCh}	68, 76.758, 330.561
Y _{xy}	37.9720, 0.3319, 0.2101
Android (android.graphics.Color)	4294537707 (0xFFFF971EB)
YUV	167.5720, 33.2420, 71.4124
Hunter-Lab	61.6215, 65.9630, -36.5346

Details

The CIELCh color **68, 76.758, 330.561** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **88, 77.535, 142.465**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **80, 53.103, 326.256**, and **48, 76.820, 330.582** is the 20% darker color. If you saturate the color by 10%, you get **64, 87.544, 331.108**, and if you desaturate by 10%, it is **73, 64.174, 329.991**.

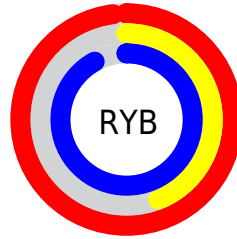
Distribution



Red (98%)

Green (44%)

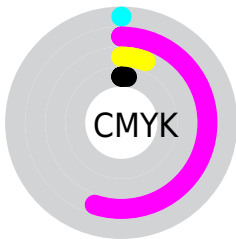
Blue (92%)



Red (98%)

Yellow (44%)

Blue (92%)

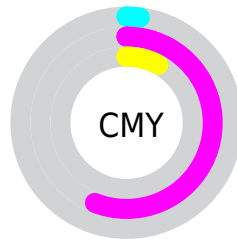


Cyan (0%)

Magenta (55%)

Yellow (6%)

Black (2%)



Cyan (2%)


Magenta (56%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 76.758, 330.561 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 68, 76.758, 330.561 by changing the saturation by 10% instead.


 68, 76.758,
330.561


 68, 76.758,
330.561


 100, 76.758,
330.561


 58, 76.758,
330.561


 88, 76.758,
330.561

 48, 76.758,
330.561

 98, 76.758,
330.561

 38, 76.758,
330.561

 28, 76.758,
330.561

 18, 76.758,
330.561

 8, 76.758, 330.561

 0, 76.758, 330.561

68, 76.758,
330.561

68, 76.758,
330.561

64, 87.544,
331.108

73, 64.174,
329.991

61, 95.931,
331.629

78, 50.413,
329.402

59, 101.470,
332.132

83, 35.997,
328.804

58, 104.061,
332.630

89, 21.326,
328.202

58, 104.556,
332.903

95, 6.687, 327.580

99, 3.125, 151.669

100, 2.313,
173.539

100, 2.062,
199.596

Harmonies

Complementary

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



68, 76.758, 330.561



88, 77.535, 142.465

Rectangle

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



68, 76.758, 330.561



68, 76.758, 20.561



68, 76.758, 150.561



68, 76.758, 200.561

Sweetspot

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



68, 76.755, 330.561



90, 23.827, 328.287



55, 77.575, 300.868



47, 16.098, 328.411



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 76.755, 330.561



65, 90.552, 331.186



66, 57.460, 356.525



49, 8.301, 327.892



44, 84.997, 332.815



11, 38.849, 332.179

Inverse Universe

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



68, 76.755, 330.561



65, 90.552, 331.186



89, 51.917, 163.222



49, 8.301, 327.892



44, 84.997, 332.815



11, 38.849, 332.179

Previews

White Background



This preview shows how the CIELCh color 68, 76.758, 330.561 looks on a white background.

Color Contrast Check

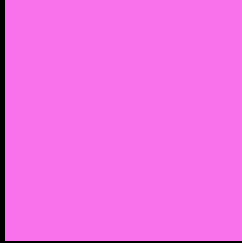
Large Text (above 18pt) WCAG AA × Fail

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 68, 76.758, 330.561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

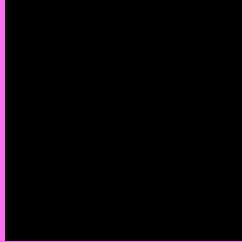
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 76.758, 330.561

Background



This preview shows how black text looks on a background with the CIELCh color 68, 76.758, 330.561.

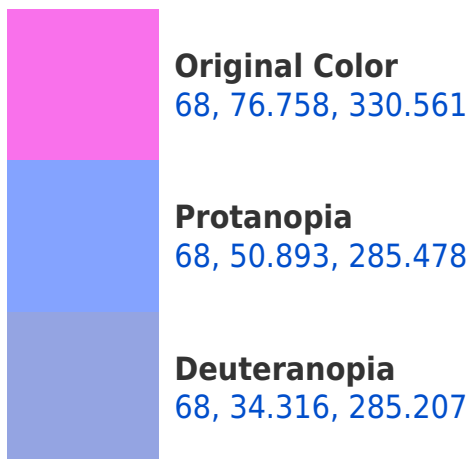


This preview shows how white text looks on a background with the CIELCh color 68, 76.758, 330.561.

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
68, 42.467, 16.809

Trichromacy



Original Color
68, 76.758, 330.561



Protanomaly
67, 57.802, 304.588



Deuteranomaly
67, 48.373, 310.129



Tritanomaly
68, 50.503, 352.563

Monochromacy



Original Color
68, 76.758, 330.561



Achromatopsia
69, 0.009, 296.813



Achromatomaly
67, 30.100, 328.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 76.758, 330.561 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, 113, 235)` looks like.

```
.text, #text, p{  
    color:rgb(249, 113, 235)  
}
```

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, 113, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 113, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 76.758, 330.561 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, 113, 235) }
```

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

```
.border{ border-color:rgb(249, 113, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 113, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 113, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 113, 235);  
box-shadow:4px 4px 4px 4px rgb(249, 113,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 76.758, 330.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 113, 235) }
```

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

```
.background{ background-color: rgb(249,  
113, 235) }
```

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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