

Converting Colors

CIELCh(68, 64.356, 335.128)

Have a look what the booklet for
CIELCh(68, 64.356, 335.128)
contains.

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Color

CIELCh(68, 64.280, 335.101)

Conversions

Conversions Part 1

Format	Color
Hex	F47AD8
RGB	244, 122, 216
RGB Percent	96%, 48%, 85%
CMY	0.0443, 0.5226, 0.1541
CMYK	0.00, 0.50, 0.11, 0.04
HSL	314°, 84%, 72%
HSV	314°, 50%, 96%
XYZ	56.4855, 37.9720, 69.1238
YIQ	169.1940, 42.5380, 55.0980

Conversions

Conversions Part 2

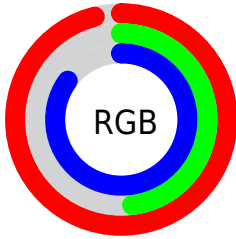
Format	Color
RYB	244, 122, 216
Decimal	16022232
CIELab	68.00, 58.31, -27.06
CIElCh	68, 64.280, 335.101
Yxy	37.9720, 0.3453, 0.2321
Android (android.graphics.Color)	4294212312 (0xFFF47AD8)
YUV	169.1940, 23.0754, 65.6049
Hunter-Lab	61.6215, 55.7849, -23.3735

Details

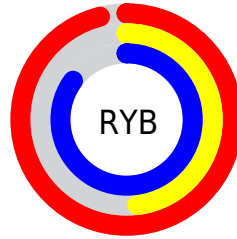
The CIELCh color **68, 64.280, 335.101** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **87, 64.301, 146.970**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 48.201, 326.091**, and **48, 64.477, 334.968** is the 20% darker color. If you saturate the color by 10%, you get **64, 74.864, 335.923**, and if you desaturate by 10%, it is **73, 52.317, 334.327**.

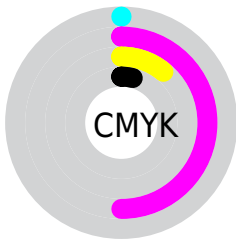
Distribution



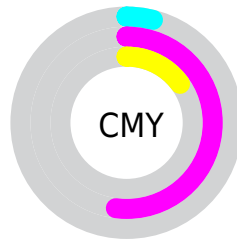
- Red (96%)
- Green (48%)
- Blue (85%)



- Red (96%)
- Yellow (48%)
- Blue (85%)



- Cyan (0%)
- Magenta (50%)
- Yellow (11%)
- Black (4%)





- Cyan (4%)
- Magenta (52%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 64.280, 335.101 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, 64.280, 335.101 by changing the saturation by 10% instead.


 68, 64.280,
335.101


 68, 64.280,
335.101


 100, 64.280,
335.101


 58, 64.280,
335.101


 88, 64.280,
335.101

 48, 64.280,
335.101

 98, 64.280,
335.101

 38, 64.280,
335.101

 28, 64.280,
335.101

 18, 64.280,
335.101

 8, 64.280, 335.101

 0, 64.280, 335.101

68, 64.280,
335.101

68, 64.280,
335.101

64, 74.864,
335.923

73, 52.317,
334.327

60, 83.460,
336.814

78, 39.541,
333.590

58, 89.502,
337.807

84, 26.383,
332.883

56, 92.673,
338.947

90, 13.158,
332.197

55, 93.319,
340.261

96, 0.075, 326.642

99, 4.932, 162.965

99, 3.906, 198.209

99, 3.903, 199.328

Harmonies

Complementary

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



68, 64.280, 335.101



87, 64.301, 146.970

Rectangle

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



68, 64.280, 335.101



68, 64.280, 25.101



68, 64.280, 155.101



68, 64.280, 205.101

Sweetspot

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



68, 64.277, 335.101



91, 20.435, 332.537



59, 69.358, 303.267



47, 13.956, 332.682



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 64.277, 335.101



66, 77.575, 335.931



66, 50.327, 4.017



48, 7.465, 332.158



42, 76.451, 340.010



10, 34.754, 338.108

Inverse Universe

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



68, 64.277, 335.101



66, 77.575, 335.931



89, 42.820, 171.692



48, 7.465, 332.158



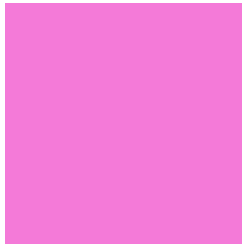
42, 76.451, 340.010



10, 34.754, 338.108

Previews

White Background



This preview shows how the CIELCh color 68, 64.280, 335.101 looks on a white background.

Color Contrast Check

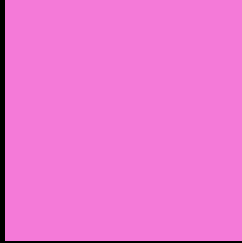
Large Text (above 18pt) WCAG AA × Fail

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, 64.280, 335.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

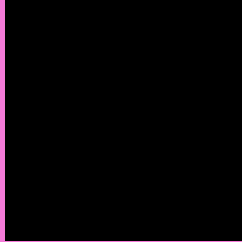
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 64.280, 335.101

Background



This preview shows how black text looks on a background with the CIELCh color 68, 64.280, 335.101.

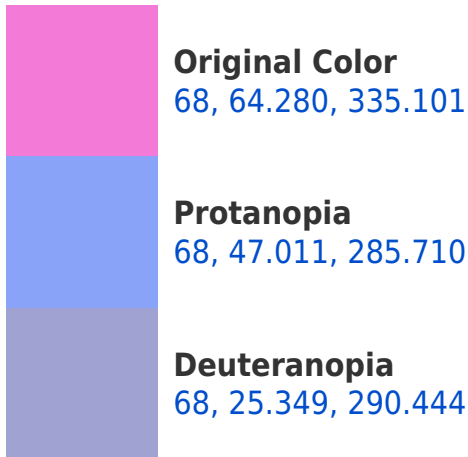


This preview shows how white text looks on a background with the CIELCh color 68, 64.280, 335.101.

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, 40.354, 16.136

Trichromacy



Original Color
68, 64.280, 335.101



Protanomaly
67, 49.614, 305.058



Deuteranomaly
67, 37.791, 315.950



Tritanomaly
68, 46.066, 356.152

Monochromacy



Original Color
68, 64.280, 335.101



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 24.800, 332.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 64.280, 335.101 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(244, 122, 216)` looks like.

```
.text, #text, p{  
    color:rgb(244, 122, 216)  
}
```

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(244, 122, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 122, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 64.280, 335.101 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(244, 122, 216) }
```

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

```
.border{ border-color:rgb(244, 122, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 122, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 122, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 122, 216);  
box-shadow:4px 4px 4px 4px rgb(244, 122,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 64.280, 335.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 122, 216) }
```

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

```
.background{ background-color: rgb(244,  
122, 216) }
```

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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