

Converting Colors

CIELCh(66, 72.351, 335.032)

Have a look what the booklet for
CIELCh(66, 72.351, 335.032)
contains.

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Color

CIELCh(66, 71.991, 335.078)

Conversions

Conversions Part 1

Format	Color
Hex	F66CD8
RGB	246, 108, 216
RGB Percent	96%, 42%, 85%
CMY	0.0348, 0.5760, 0.1525
CMYK	0.00, 0.56, 0.12, 0.03
HSL	313°, 89%, 69%
HSV	313°, 56%, 97%
XYZ	55.8275, 35.3238, 68.9122
YIQ	161.5740, 47.5800, 62.8440

Conversions

Conversions Part 2

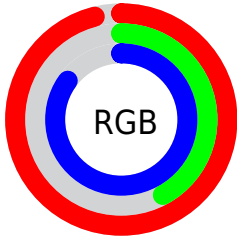
Format	Color
R _Y B	246, 108, 216
Decimal	16149720
CIE Lab	66.00, 65.29, -30.34
CIE LCh	66, 71.991, 335.078
Yxy	35.3238, 0.3488, 0.2207
Android (android.graphics.Color)	4294339800 (0xFFFF66CD8)
YUV	161.5740, 26.8320, 74.0416
Hunter-Lab	59.4338, 63.6597, -27.1417

Details

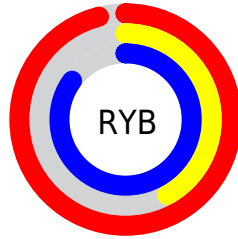
The CIELCh color **66, 71.991, 335.078** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **87, 72.496, 145.757**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 56.135, 326.357**, and **46, 72.192, 335.105** is the 20% darker color. If you saturate the color by 10%, you get **62, 81.592, 335.904**, and if you desaturate by 10%, it is **71, 60.612, 334.302**.

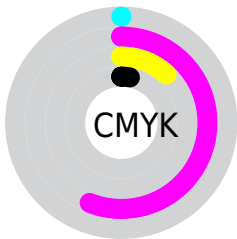
Distribution



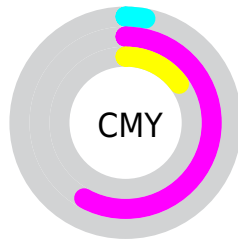
- Red (96%)
- Green (42%)
- Blue (85%)



- Red (96%)
- Yellow (42%)
- Blue (85%)



- Cyan (0%)
- Magenta (56%)
- Yellow (12%)
- Black (3%)





- Cyan (3%)
- Magenta (58%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 71.991, 335.078 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 66, 71.991, 335.078 by changing the saturation by 10% instead.


 66, 71.991,
335.078


 66, 71.991,
335.078


 100, 71.991,
335.078


 56, 71.991,
335.078


 86, 71.991,
335.078

 46, 71.991,
335.078

 96, 71.991,
335.078

 36, 71.991,
335.078

 26, 71.991,
335.078

 16, 71.991,
335.078

 6, 71.991, 335.078

 0, 71.991, 335.078

66, 71.991,
335.078

66, 71.991,
335.078

62, 81.592,
335.904

71, 60.612,
334.302

59, 88.816,
336.805

76, 48.076,
333.563

57, 93.221,
337.817

81, 34.897,
332.852

56, 94.741,
338.988

87, 21.467,
332.165

56, 94.839,
339.485

93, 8.061, 331.484

99, 4.666, 151.696

99, 3.176, 186.154

99, 3.075, 199.426

Harmonies

Complementary

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



66, 71.991, 335.078



87, 72.496, 145.757

Rectangle

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



66, 71.991, 335.078



66, 71.991, 25.078



66, 71.991, 155.078



66, 71.991, 205.078

Sweetspot

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



66, 71.988, 335.078



89, 23.378, 332.230



55, 78.968, 303.997



46, 15.649, 332.367



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 71.988, 335.078



64, 84.721, 335.995



64, 56.680, 5.413



48, 7.529, 331.720



42, 77.116, 339.245



10, 35.024, 337.483

Inverse Universe

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



66, 71.988, 335.078



64, 84.721, 335.995



89, 47.364, 170.849



48, 7.529, 331.720



42, 77.116, 339.245



10, 35.024, 337.483

Previews

White Background



This preview shows how the CIELCh color 66, 71.991, 335.078 looks on a white background.

Color Contrast Check

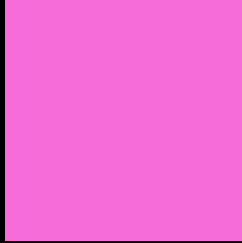
Large Text (above 18pt) WCAG AA × Fail

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 66, 71.991, 335.078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

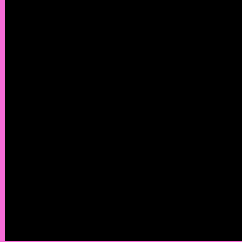
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 71.991, 335.078

Background



This preview shows how black text looks on a background with the CIELCh color 66, 71.991, 335.078.



This preview shows how white text looks on a background with the CIELCh color 66, 71.991, 335.078.

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



Original Color
66, 71.991, 335.078

Protanopia
66, 53.908, 285.805

Deuteranopia
66, 27.745, 288.252



Tritanopia
66, 45.711, 17.893

Trichromacy



Original Color
66, 71.991, 335.078



Protanomaly
65, 56.967, 304.182



Deuteranomaly
65, 42.530, 315.516



Tritanomaly
66, 51.375, 357.030

Monochromacy



Original Color
66, 71.991, 335.078



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 29.068, 332.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 71.991, 335.078 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(246, 108, 216)` looks like.

```
.text, #text, p{  
    color:rgb(246, 108, 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(246, 108, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 108, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 71.991, 335.078 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(246, 108, 216) }
```

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

```
.border{ border-color:rgb(246, 108, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 108, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 108, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 108, 216);  
box-shadow:4px 4px 4px 4px rgb(246, 108,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 71.991, 335.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 108, 216) }
```

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

```
.background{ background-color: rgb(246,  
108, 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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