

Converting Colors

CIELCh(76, 86.197, 352.923)

Have a look what the booklet for
CIELCh(76, 86.197, 352.923)
contains.

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Color

CIELCh(66, 73.437, 339.071)

Conversions

Conversions Part 1

Format	Color
Hex	FE67D1
RGB	254, 103, 209
RGB Percent	100%, 40%, 82%
CMY	0.0045, 0.5964, 0.1806
CMYK	0.00, 0.59, 0.18, 0.00
HSL	318°, 98%, 70%
HSV	318°, 59%, 100%
XYZ	57.1597, 35.3238, 64.0891
YIQ	160.2330, 55.9700, 64.9780

Conversions

Conversions Part 2

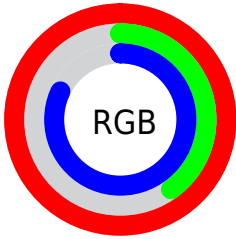
Format	Color
RYB	254, 103, 209
Decimal	16672721
CIELab	66.00, 68.59, -26.23
CIELCh	66, 73.437, 339.071
Yxy	35.3238, 0.3651, 0.2256
Android (android.graphics.Color)	4294862801 (0xFFFE67D1)
YUV	160.2330, 24.0421, 82.2337
Hunter-Lab	59.4338, 67.6607, -22.3303

Details

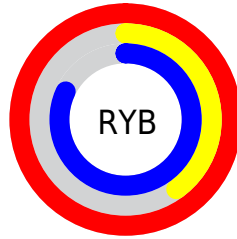
The CIELCh color **66, 73.437, 339.071** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 73.605, 148.042**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 58.540, 326.437**, and **46, 73.206, 339.223** is the 20% darker color. If you saturate the color by 10%, you get **62, 82.063, 340.205**, and if you desaturate by 10%, it is **71, 62.840, 338.071**.

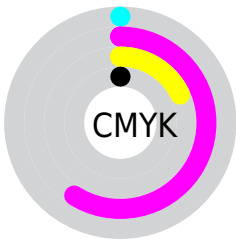
Distribution



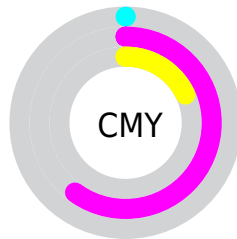
- Red (100%)
- Green (40%)
- Blue (82%)



- Red (100%)
- Yellow (40%)
- Blue (82%)



- Cyan (0%)
- Magenta (59%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 73.437, 339.071 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, 73.437, 339.071 by changing the saturation by 10% instead.


 66, 73.437,
339.071


 66, 73.437,
339.071


 100, 73.437,
339.071


 56, 73.437,
339.071


 86, 73.437,
339.071

 46, 73.437,
339.071

 96, 73.437,
339.071

 36, 73.437,
339.071

 26, 73.437,
339.071

 16, 73.437,
339.071

 6, 73.437, 339.071

 0, 73.437, 339.071

66, 73.437,
339.071

66, 73.437,
339.071

62, 82.063,
340.205

71, 62.840,
338.071

59, 88.132,
341.528

76, 50.923,
337.165

57, 91.288,
343.115

81, 38.243,
336.330

56, 91.798,
345.024

87, 25.230,
335.548

56, 91.799,
345.132

94, 12.191,
334.804

100, 0.545,
157.315

100, 0.399,
201.039

Harmonies

Complementary

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



66, 73.437, 339.071



90, 73.605, 148.042

Rectangle

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



66, 73.437, 339.071



66, 73.437, 29.071



66, 73.437, 159.071



66, 73.437, 209.071

Sweetspot

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



66, 73.434, 339.071



89, 23.407, 335.438



55, 86.097, 306.104



45, 16.284, 335.659



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, 73.434, 339.071



62, 83.474, 340.397



64, 61.317, 11.463



50, 7.353, 334.807



43, 74.434, 344.754



11, 35.067, 342.202

Inverse Universe

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



66, 73.434, 339.071



62, 83.474, 340.397



91, 47.914, 175.609



50, 7.353, 334.807



43, 74.434, 344.754



11, 35.067, 342.202

Previews

White Background



This preview shows how the CIELCh color 66, 73.437, 339.071 looks on a white background.

Color Contrast Check

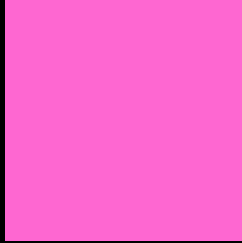
Large Text (above 18pt) WCAG AA × Fail

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, 73.437, 339.071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

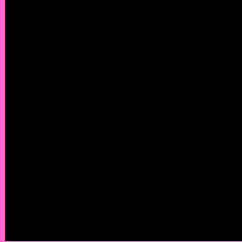
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 73.437, 339.071

Background



This preview shows how black text looks on a background with the CIELCh color 66, 73.437, 339.071.

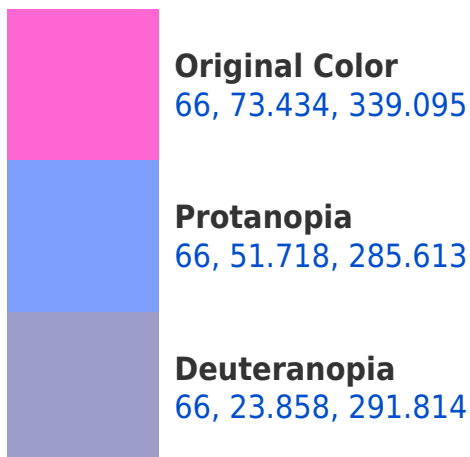


This preview shows how white text looks on a background with the CIELCh color 66, 73.437, 339.071.

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
66, 51.328, 20.045

Trichromacy



Original Color
66, 73.434, 339.095



Protanomaly
64, 55.714, 306.320



Deuteranomaly
64, 41.363, 321.263



Tritanomaly
66, 55.483, 1.520

Monochromacy



Original Color
66, 73.434, 339.095



Achromatopsia
66, 0.008, 296.813



Achromatomaly
64, 29.725, 335.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 73.437, 339.071 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(254, 103, 209)` looks like.

```
.text, #text, p{  
    color:rgb(254, 103, 209)  
}
```

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(254, 103, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 103, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 73.437, 339.071 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(254, 103, 209) }
```

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

```
.border{ border-color:rgb(254, 103, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 103, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 103, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 103, 209);  
box-shadow:4px 4px 4px 4px rgb(254, 103,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 73.437, 339.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 103, 209) }
```

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

```
.background{ background-color: rgb(254,  
103, 209) }
```

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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