

Converting Colors

CIELCh(89, 102.700, 8.026)

Have a look what the booklet for
CIELCh(89, 102.700, 8.026) contains.

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Color

CIELCh(67, 66.878, 342.838)

Conversions

Conversions Part 1

Format	Color
Hex	FE6FC8
RGB	254, 111, 200
RGB Percent	100%, 44%, 78%
CMY	0.0039, 0.5644, 0.2153
CMYK	0.00, 0.56, 0.21, 0.00
HSL	323°, 99%, 72%
HSV	323°, 56%, 100%
XYZ	57.0049, 36.6320, 58.7669
YIQ	163.9030, 56.6590, 57.9950

Conversions

Conversions Part 2

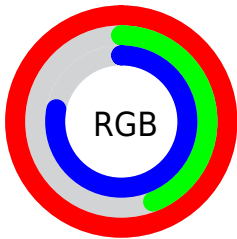
Format	Color
RYB	254, 111, 200
Decimal	16674760
CIELab	67.00, 63.90, -19.73
CIELCh	67, 66.878, 342.838
Yxy	36.6320, 0.3740, 0.2404
Android (android.graphics.Color)	4294864840 (0xFFFE6FC8)
YUV	163.9030, 17.7958, 79.0151
Hunter-Lab	60.5244, 62.2026, -15.2014

Details

The CIELCh color **67, 66.878, 342.838** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 65.766, 151.666**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 54.319, 326.296**, and **47, 66.846, 342.804** is the 20% darker color. If you saturate the color by 10%, you get **63, 75.858, 344.227**, and if you desaturate by 10%, it is **72, 56.233, 341.651**.

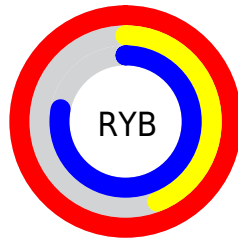
Distribution



Red (100%)

Green (44%)

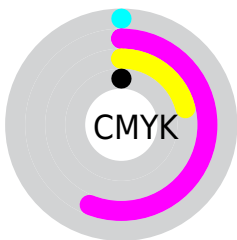
Blue (78%)



Red (100%)

Yellow (44%)

Blue (78%)

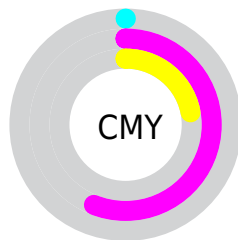


Cyan (0%)

Magenta (56%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 66.878, 342.838 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 67, 66.878, 342.838 by changing the saturation by 10% instead.


 67, 66.878,
342.838


 67, 66.878,
342.838


 100, 66.878,
342.838


 57, 66.878,
342.838


 87, 66.878,
342.838

 47, 66.878,
342.838

 97, 66.878,
342.838

 37, 66.878,
342.838

 27, 66.878,
342.838

 17, 66.878,
342.838

 7, 66.878, 342.838

 0, 66.878, 342.838

67, 66.878,
342.838

67, 66.878,
342.838

63, 75.858,
344.227

72, 56.233,
341.651

60, 82.559,
345.897

77, 44.547,
340.607

57, 86.529,
347.956

83, 32.321,
339.669

56, 87.729,
350.521

89, 19.927,
338.810

56, 87.754,
351.584

96, 7.614, 337.992

100, 0.344,
201.310

Harmonies

Complementary

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



67, 66.878, 342.838



90, 65.766, 151.666

Rectangle

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



67, 66.878, 342.838



67, 66.878, 32.838



67, 66.878, 162.838



67, 66.878, 212.838

Sweetspot

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



67, 66.875, 342.839



89, 20.899, 338.871



58, 81.378, 308.084



46, 13.996, 339.039



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 66.875, 342.839



62, 77.436, 344.495



65, 58.576, 16.971



50, 6.948, 338.258



42, 71.114, 351.039



11, 33.529, 347.364

Inverse Universe

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



67, 66.875, 342.839



62, 77.436, 344.495



92, 43.111, 183.394



50, 6.948, 338.258



42, 71.114, 351.039



11, 33.529, 347.364

Previews

White Background



This preview shows how the CIELCh color 67, 66.878, 342.838 looks on a white background.

Color Contrast Check

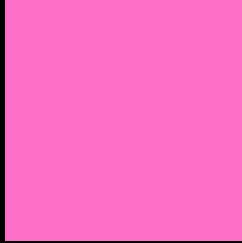
Large Text (above 18pt) WCAG AA × Fail

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 67, 66.878, 342.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

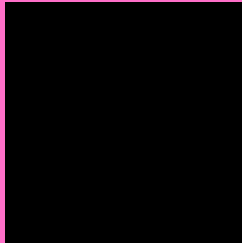
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 66.878, 342.838

Background



This preview shows how black text looks on a background with the CIELCh color 67, 66.878, 342.838.

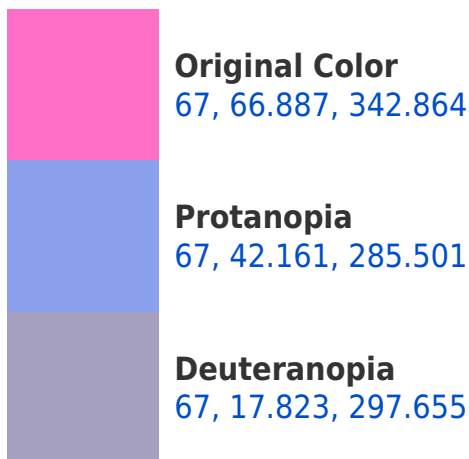


This preview shows how white text looks on a background with the CIELCh color 67, 66.878, 342.838.

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
67, 50.285, 19.688

Trichromacy



Original Color
67, 66.887, 342.864



Protanomaly
66, 46.770, 309.867



Deuteranomaly
66, 35.310, 326.964



Tritanomaly
67, 53.063, 3.533

Monochromacy



Original Color
67, 66.887, 342.864



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 26.291, 340.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 66.878, 342.838 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, 111, 200)` looks like.

```
.text, #text, p{  
    color:rgb(254, 111, 200)  
}
```

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, 111, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 111, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 66.878, 342.838 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, 111, 200) }
```

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

```
.border{ border-color:rgb(254, 111, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 111, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 111, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 111, 200);  
box-shadow:4px 4px 4px 4px rgb(254, 111,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 66.878, 342.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 111, 200) }
```

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

```
.background{ background-color: rgb(254,  
111, 200) }
```

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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