

Converting Colors

CIELCh(67, 65.971, 343.995)

Have a look what the booklet for
CIELCh(67, 65.971, 343.995)
contains.

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Color

CIELCh(67, 66.063, 344.026)

Conversions

Conversions Part 1

Format	Color
Hex	FE6FC5
RGB	254, 111, 197
RGB Percent	100%, 44%, 77%
CMY	0.0025, 0.5633, 0.2261
CMYK	0.00, 0.56, 0.22, 0.00
HSL	324°, 99%, 72%
HSV	324°, 56%, 100%
XYZ	56.8476, 36.6320, 57.1011
YIQ	163.5610, 57.6220, 57.0620

Conversions

Conversions Part 2

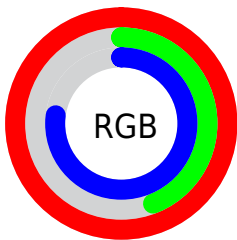
Format	Color
R_{YB}	254, 111, 197
Decimal	16674757
CIE _{Lab}	67.00, 63.51, -18.18
CIE _{LCh}	67, 66.063, 344.026
Yxy	36.6320, 0.3775, 0.2433
Android (android.graphics.Color)	4294864837 (0xFFFE6FC5)
YUV	163.5610, 16.4854, 79.3150
Hunter-Lab	60.5244, 61.7388, -13.5695

Details

The CIELCh color **67, 66.063, 344.026** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 64.618, 152.594**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 53.905, 326.616**, and **47, 66.021, 344.051** is the 20% darker color. If you saturate the color by 10%, you get **63, 74.989, 345.503**, and if you desaturate by 10%, it is **72, 55.504, 342.775**.

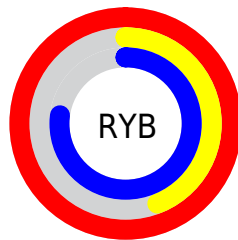
Distribution



Red (100%)

Green (44%)

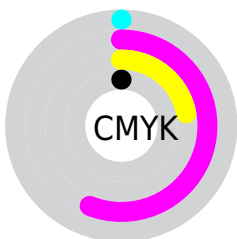
Blue (77%)



Red (100%)

Yellow (44%)

Blue (77%)

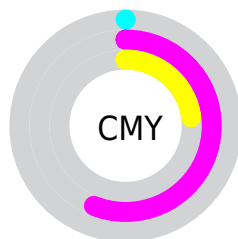


Cyan (0%)

Magenta (56%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (56%)

Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 66.063, 344.026 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, 66.063, 344.026 by changing the saturation by 10% instead.

 67, 66.063,
344.026


 67, 66.063,
344.026


 100, 66.063,
344.026


 57, 66.063,
344.026


 87, 66.063,
344.026

 47, 66.063,
344.026

 97, 66.063,
344.026

 37, 66.063,
344.026

 27, 66.063,
344.026

 17, 66.063,
344.026

 7, 66.063, 344.026

 0, 66.063, 344.026

67, 66.063,
344.026

67, 66.063,
344.026

63, 74.989,
345.503

72, 55.504,
342.775

60, 81.672,
347.294

77, 43.931,
341.683

57, 85.659,
349.517

83, 31.841,
340.710

56, 86.920,
352.300

89, 19.600,
339.824

56, 86.977,
353.470

96, 7.452, 338.985

100, 0.218,
202.427

Harmonies

Complementary

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



67, 66.063, 344.026



90, 64.618, 152.594

Rectangle

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



67, 66.063, 344.026



67, 66.063, 34.026



67, 66.063, 164.026



67, 66.063, 214.026

Sweetspot

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



67, 66.059, 344.027



89, 20.591, 339.891



59, 81.429, 308.552



46, 13.791, 340.064



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, 66.059, 344.027



63, 75.744, 345.631



65, 58.787, 18.219



50, 6.843, 339.262



42, 70.397, 352.873



11, 33.170, 348.869

Inverse Universe

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



67, 66.059, 344.027



63, 75.744, 345.631



92, 42.635, 184.980



50, 6.843, 339.262



42, 70.397, 352.873



11, 33.170, 348.869

Previews

White Background



This preview shows how the CIELCh color 67, 66.063, 344.026 looks on a white background.

Color Contrast Check

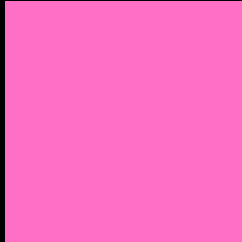
Large Text (above 18pt) WCAG AA × Fail

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, 66.063, 344.026 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, 66.063, 344.026

Background



This preview shows how black text looks on a background with the CIELCh color 67, 66.063, 344.026.



This preview shows how white text looks on a background with the CIELCh color 67, 66.063, 344.026.

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, 50.747, 19.823

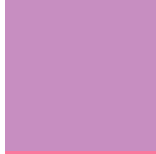
Trichromacy



Original Color
67, 66.063, 344.026



Protanomaly
66, 44.779, 311.015



Deuteranomaly
66, 34.846, 329.097



Tritanomaly
67, 53.369, 4.366

Monochromacy



Original Color
67, 66.063, 344.026



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 25.956, 340.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 66.063, 344.026 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(254, 111, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 111, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 66.063, 344.026 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, 197) }
```

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

```
.border{ border-color:rgb(254, 111, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 111, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 111, 197);  
box-shadow:4px 4px 4px 4px rgb(254, 111,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 66.063, 344.026 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, 197) }
```

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

```
.background{ background-color: rgb(254,  
111, 197) }
```

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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