

Converting Colors

CIELCh(71, 50.603, 343.934)

Have a look what the booklet for
CIELCh(71, 50.603, 343.934)
contains.

CIELCh(71, 50.067, 344.123)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 50.067, 344.123)

Conversions

Conversions Part 1

Format	Color
Hex	F68BC8
RGB	246, 139, 200
RGB Percent	96%, 55%, 78%
CMY	0.0356, 0.4552, 0.2160
CMYK	0.00, 0.44, 0.19, 0.04
HSL	326°, 85%, 75%
HSV	326°, 44%, 96%
XYZ	57.6147, 42.1875, 59.7024
YIQ	177.9470, 44.1910, 41.6550

Conversions

Conversions Part 2

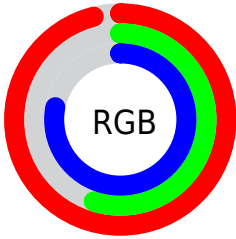
Format	Color
R _{YB}	246, 139, 200
Decimal	16157640
CIE Lab	71.00, 48.16, -13.70
CIE LCh	71, 50.067, 344.123
Yxy	42.1875, 0.3612, 0.2645
Android (android.graphics.Color)	4294347720 (0xFFFF68BC8)
YUV	177.9470, 10.8721, 59.6825
Hunter-Lab	64.9519, 44.6700, -9.0318

Details

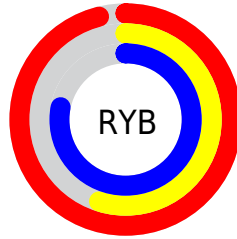
The CIELCh color **71, 50.067, 344.123** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **89, 48.467, 155.779**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 37.631, 325.731**, and **51, 49.879, 344.361** is the 20% darker color. If you saturate the color by 10%, you get **66, 60.526, 345.412**, and if you desaturate by 10%, it is **76, 38.800, 343.006**.

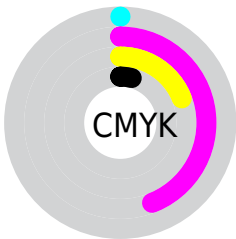
Distribution



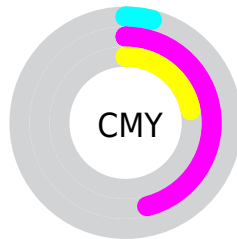
- Red (96%)
- Green (55%)
- Blue (78%)



- Red (96%)
- Yellow (55%)
- Blue (78%)



- Cyan (0%)
- Magenta (44%)
- Yellow (19%)
- Black (4%)





- Cyan (4%)
- Magenta (46%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 50.067, 344.123 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 71, 50.067, 344.123 by changing the saturation by 10% instead.


 71, 50.067,
344.123


 71, 50.067,
344.123


 100, 50.067,
344.123


 61, 50.067,
344.123


 91, 50.067,
344.123

 51, 50.067,
344.123

 41, 50.067,
344.123

 31, 50.067,
344.123

 21, 50.067,
344.123

 11, 50.067,
344.123

 1, 50.067, 344.123

0, 50.067, 344.123

71, 50.067,
344.123

71, 50.067,
344.123

66, 60.526,
345.412

76, 38.800,
343.006

62, 69.628,
346.936

82, 27.176,
342.013

58, 76.763,
348.790

88, 15.504,
341.111

56, 81.433,
351.099

95, 3.985, 340.217

54, 83.481,
354.005

99, 3.362, 179.808

99, 3.142, 199.417

53, 83.770,
356.210

Harmonies

Complementary

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



71, 50.067, 344.123



89, 48.467, 155.779

Rectangle

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



71, 50.067, 344.123



71, 50.067, 34.123



71, 50.067, 164.123



71, 50.067, 214.123

Sweetspot

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



71, 50.064, 344.124



92, 15.362, 341.069



66, 60.836, 308.661



48, 10.771, 341.262



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 50.064, 344.124



69, 60.771, 345.219



70, 43.529, 17.788



48, 6.475, 340.764



40, 68.150, 355.541



9, 31.063, 350.635

Inverse Universe

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



71, 50.064, 344.124



69, 60.771, 345.219



91, 33.460, 189.255



48, 6.475, 340.764



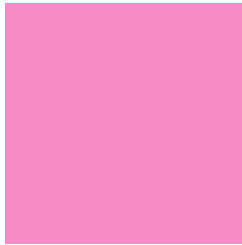
40, 68.150, 355.541



9, 31.063, 350.635

Previews

White Background



This preview shows how the CIELCh color 71, 50.067, 344.123 looks on a white background.

Color Contrast Check

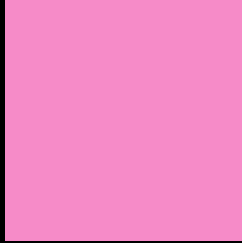
Large Text (above 18pt) WCAG AA × Fail

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 71, 50.067, 344.123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

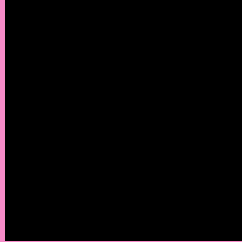
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 50.067, 344.123

Background



This preview shows how black text looks on a background with the CIELCh color 71, 50.067, 344.123.



This preview shows how white text looks on a background with the CIELCh color 71, 50.067, 344.123.

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
71, 37.871, 14.392

Trichromacy



Original Color
71, 50.067, 344.123



Protanomaly
70, 32.221, 313.007



Deuteranomaly
71, 26.686, 331.011



Tritanomaly
71, 40.851, 1.506

Monochromacy



Original Color
71, 50.067, 344.123



Achromatopsia
73, 0.009, 296.813



Achromatomaly
71, 18.883, 341.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 50.067, 344.123 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, 139, 200)` looks like.

```
.text, #text, p{  
    color:rgb(246, 139, 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(246, 139, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 139, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 50.067, 344.123 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, 139, 200) }
```

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

```
.border{ border-color:rgb(246, 139, 200) }
```

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

Here you see how a box with a 4 pixel rgb(246, 139, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 139, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 139, 200);  
box-shadow:4px 4px 4px 4px rgb(246, 139,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 50.067, 344.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 139, 200) }
```

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

```
.background{ background-color: rgb(246,  
139, 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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