

Converting Colors

CIELCh(78, 68.391, 359.863)

Have a look what the booklet for
CIELCh(78, 68.391, 359.863)
contains.

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Color

CIELCh(71, 54.140, 347.967)

Conversions

Conversions Part 1

Format	Color
Hex	FF86C4
RGB	255, 134, 196
RGB Percent	100%, 53%, 77%
CMY	0.0009, 0.4753, 0.2322
CMYK	0.00, 0.47, 0.23, 0.00
HSL	329°, 100%, 76%
HSV	329°, 47%, 100%
XYZ	59.5949, 42.1875, 57.1040
YIQ	177.2470, 52.2140, 44.9340

Conversions

Conversions Part 2

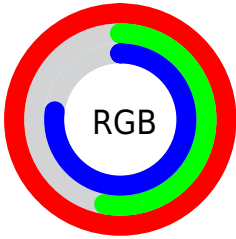
Format	Color
R _Y B	255, 134, 196
Decimal	16746180
CIE Lab	71.00, 52.95, -11.29
CIE LCh	71, 54.140, 347.967
Yxy	42.1875, 0.3751, 0.2655
Android (android.graphics.Color)	4294936260 (0xFFFF86C4)
YUV	177.2470, 9.2452, 68.1894
Hunter-Lab	64.9519, 50.1120, -6.6599

Details

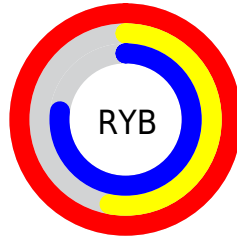
The CIELCh color **71, 54.140, 347.967** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 51.542, 158.022**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 39.922, 326.693**, and **51, 53.919, 348.287** is the 20% darker color. If you saturate the color by 10%, you get **66, 64.224, 349.540**, and if you desaturate by 10%, it is **76, 43.089, 346.643**.

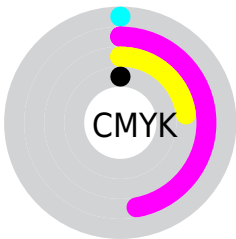
Distribution



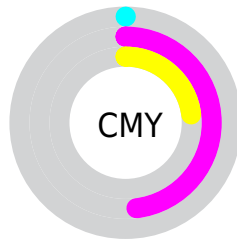
- Red (100%)
- Green (53%)
- Blue (77%)



- Red (100%)
- Yellow (53%)
- Blue (77%)



- Cyan (0%)
- Magenta (47%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (48%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 54.140, 347.967 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, 54.140, 347.967 by changing the saturation by 10% instead.


 71, 54.140,
347.967

 71, 54.140,
347.967


 100, 54.140,
347.967


 61, 54.140,
347.967


 91, 54.140,
347.967

 51, 54.140,
347.967

 41, 54.140,
347.967

 31, 54.140,
347.967

 21, 54.140,
347.967

 11, 54.140,
347.967

 1, 54.140, 347.967

0, 54.140, 347.967

71, 54.140,
347.967

71, 54.140,
347.967

66, 64.224,
349.540

76, 43.089,
346.643

62, 72.757,
351.457

82, 31.573,
345.497

59, 79.149,
353.850

89, 19.946,
344.482

56, 83.027,
356.882

95, 8.444, 343.549

55, 84.513, 0.695

100, 0.077,
207.988

55, 84.730, 1.733

Harmonies

Complementary

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



71, 54.140, 347.967



92, 51.542, 158.022

Rectangle

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



71, 54.140, 347.967



71, 54.140, 37.967



71, 54.140, 167.967



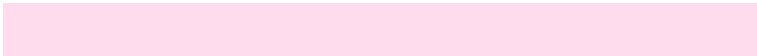
71, 54.140, 217.967

Sweetspot

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



71, 54.137, 347.968



91, 15.929, 344.152



66, 68.925, 310.986



47, 11.021, 344.355



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, 54.137, 347.968



66, 63.813, 349.458



69, 50.148, 23.530



50, 6.436, 343.736



41, 68.396, 0.932



10, 31.992, 355.527

Inverse Universe

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



71, 54.137, 347.968



66, 63.813, 349.458



93, 35.783, 195.529



50, 6.436, 343.736



41, 68.396, 0.932



10, 31.992, 355.527

Previews

White Background



This preview shows how the CIELCh color 71, 54.140, 347.967 looks on a white background.

Color Contrast Check

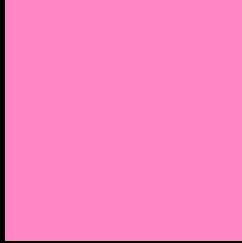
Large Text (above 18pt) WCAG AA × Fail

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, 54.140, 347.967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

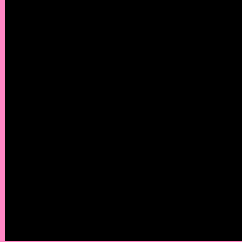
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 54.140, 347.967

Background



This preview shows how black text looks on a background with the CIELCh color 71, 54.140, 347.967.



This preview shows how white text looks on a background with the CIELCh color 71, 54.140, 347.967.

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

71, 54.140, 347.967

Protanopia

71, 27.402, 285.986

Deuteranopia

71, 12.782, 316.632



Tritanopia
71, 44.078, 16.453

Trichromacy



Original Color
71, 54.140, 347.967



Protanomaly
70, 32.525, 316.936



Deuteranomaly
70, 27.929, 337.569



Tritanomaly
71, 46.118, 4.292

Monochromacy



Original Color
71, 54.140, 347.967



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 20.728, 344.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 54.140, 347.967 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(255, 134, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 196)  
}
```

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(255, 134, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 54.140, 347.967 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(255, 134, 196) }
```

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

```
.border{ border-color:rgb(255, 134, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 134, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 54.140, 347.967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 196) }
```

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

```
.background{ background-color: rgb(255,  
134, 196) }
```

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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