

Converting Colors

CIELCh(84, 71.492, 3.369)

Have a look what the booklet for
CIELCh(84, 71.492, 3.369) contains.

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Color

CIELCh(74, 48.714, 346.037)

Conversions

Conversions Part 1

Format	Color
Hex	FF94CD
RGB	255, 148, 205
RGB Percent	100%, 58%, 80%
CMY	0.0011, 0.4206, 0.1971
CMYK	0.00, 0.42, 0.20, 0.00
HSL	328°, 99%, 79%
HSV	328°, 42%, 100%
XYZ	62.6775, 46.7039, 63.3066
YIQ	186.4910, 45.4750, 40.4110

Conversions

Conversions Part 2

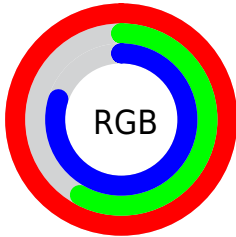
Format	Color
R _Y B	255, 148, 205
Decimal	16749773
CIE Lab	74.00, 47.27, -11.75
CIE LCh	74, 48.714, 346.037
Yxy	46.7039, 0.3630, 0.2705
Android (android.graphics.Color)	4294939853 (0xFFFF94CD)
YUV	186.4910, 9.1249, 60.0824
Hunter-Lab	68.3403, 44.1138, -7.0847

Details

The CIELCh color $74, 48.714, 346.037$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $92, 46.770, 157.741$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 31.983, 325.537$, and $54, 48.885, 345.762$ is the 20% darker color. If you saturate the color by 10%, you get $69, 59.467, 347.406$, and if you desaturate by 10%, it is $80, 37.252, 344.861$.

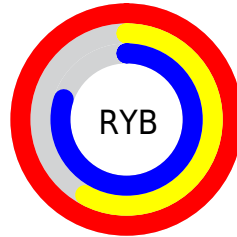
Distribution



Red (100%)

Green (58%)

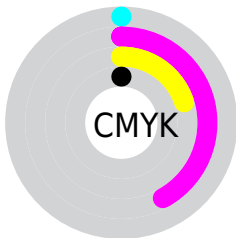
Blue (80%)



Red (100%)

Yellow (58%)

Blue (80%)

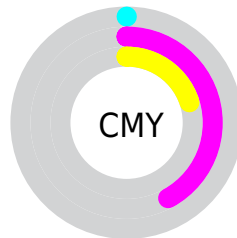


Cyan (0%)

Magenta (42%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (42%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 48.714, 346.037 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 74, 48.714, 346.037 by changing the saturation by 10% instead.

 74, 48.714,
346.037

 74, 48.714,
346.037

 100, 48.714,
346.037


 64, 48.714,
346.037


 94, 48.714,
346.037

 54, 48.714,
346.037

 44, 48.714,
346.037

 34, 48.714,
346.037

 24, 48.714,
346.037

 14, 48.714,
346.037

 4, 48.714, 346.037

■ 0, 48.714, 346.037

■ 74, 48.714,
346.037

■ 74, 48.714,
346.037

■ 69, 59.467,
347.406

■ 80, 37.252,
344.861

■ 64, 68.968,
349.039

■ 86, 25.514,
343.824

■ 60, 76.596,
351.043

■ 92, 13.792,
342.886

■ 58, 81.824,
353.555

■ 99, 2.272, 341.878

■ 56, 84.445,
356.734

100, 0.095,
206.384

■ 55, 85.069,
359.782

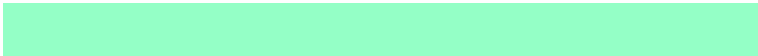
Harmonies

Complementary

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



74, 48.714, 346.037



92, 46.770, 157.741

Rectangle

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



74, 48.714, 346.037



74, 48.714, 36.037



74, 48.714, 166.037



74, 48.714, 216.037

Sweetspot

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



74, 48.711, 346.038



92, 14.977, 342.978



70, 60.626, 310.147



47, 10.503, 343.180



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 48.711, 346.038



70, 57.452, 347.115



73, 43.460, 21.261



50, 6.526, 342.662



41, 68.711, 359.026



11, 32.216, 353.943

Inverse Universe

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



74, 48.711, 346.038



70, 57.452, 347.115



94, 32.724, 194.140



50, 6.526, 342.662



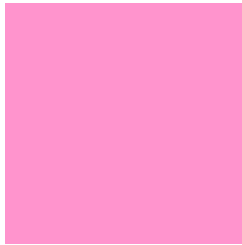
41, 68.711, 359.026



11, 32.216, 353.943

Previews

White Background



This preview shows how the CIELCh color 74, 48.714, 346.037 looks on a white background.

Color Contrast Check

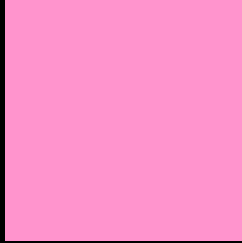
Large Text (above 18pt) WCAG AA × Fail

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 74, 48.714, 346.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

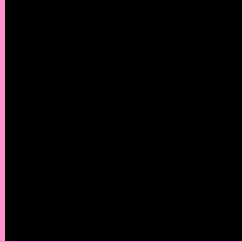
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 48.714, 346.037

Background



This preview shows how black text looks on a background with the CIELCh color 74, 48.714, 346.037.



This preview shows how white text looks on a background with the CIELCh color 74, 48.714, 346.037.

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

74, 38.314, 13.666

Trichromacy



Original Color
74, 48.714, 346.037



Protanomaly
73, 29.458, 314.780



Deuteranomaly
74, 26.435, 334.464



Tritanomaly
74, 40.917, 1.548

Monochromacy



Original Color
74, 48.714, 346.037



Achromatopsia
76, 0.009, 296.813



Achromatomaly
74, 18.421, 343.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 48.714, 346.037 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, 148, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 205)  
}
```

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, 148, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 48.714, 346.037 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, 148, 205) }
```

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

```
.border{ border-color:rgb(255, 148, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 48.714, 346.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 205) }
```

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

```
.background{ background-color: rgb(255,  
148, 205) }
```

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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