

Converting Colors

CIELCh(74, 49.245, 345.080)

Have a look what the booklet for
CIELCh(74, 49.245, 345.080)
contains.

CIELCh(74, 48.979, 345.506)	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(74, 48.979, 345.506)

Conversions

Conversions Part 1

Format	Color
Hex	FF94CE
RGB	255, 148, 206
RGB Percent	100%, 58%, 81%
CMY	0.0014, 0.4209, 0.1935
CMYK	0.00, 0.42, 0.19, 0.00
HSL	327°, 99%, 79%
HSV	327°, 42%, 100%
XYZ	62.7405, 46.7039, 63.8817
YIQ	186.6050, 45.1540, 40.7220

Conversions

Conversions Part 2

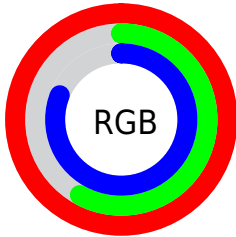
Format	Color
R_{YB}	255, 148, 206
Decimal	16749774
CIE _{Lab}	74.00, 47.42, -12.26
CIE _{LCh}	74, 48.979, 345.506
Yxy	46.7039, 0.3620, 0.2695
Android (android.graphics.Color)	4294939854 (0xFFFF94CE)
YUV	186.6050, 9.5617, 59.9824
Hunter-Lab	68.3403, 44.2782, -7.5836

Details

The CIELCh color **74, 48.979, 345.506** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 47.132, 157.284**, 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, 49.158, 345.199** is the 20% darker color. If you saturate the color by 10%, you get **69, 59.765, 346.849**, and if you desaturate by 10%, it is **80, 37.470, 344.349**.

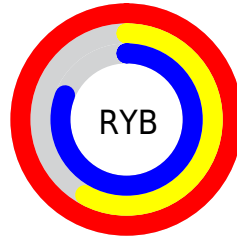
Distribution



Red (100%)

Green (58%)

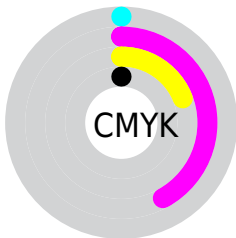
Blue (81%)



Red (100%)

Yellow (58%)

Blue (81%)

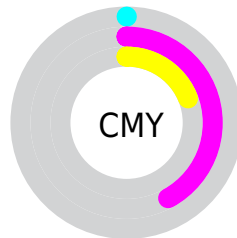


Cyan (0%)

Magenta (42%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 48.979, 345.506 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, 48.979, 345.506 by changing the saturation by 10% instead.

 74, 48.979,
345.506

 74, 48.979,
345.506

 100, 48.979,
345.506

 64, 48.979,
345.506


 94, 48.979,
345.506

 54, 48.979,
345.506

 44, 48.979,
345.506

 34, 48.979,
345.506

 24, 48.979,
345.506

 14, 48.979,
345.506

 4, 48.979, 345.506

0, 48.979, 345.506

74, 48.979,
345.506

74, 48.979,
345.506

69, 59.765,
346.849

80, 37.470,
344.349

64, 69.283,
348.446

86, 25.676,
343.327

60, 76.910,
350.399

92, 13.890,
342.400

58, 82.114,
352.843

99, 2.300, 341.404

56, 84.685,
355.933

100, 0.127,
204.608

55, 85.247,
358.892

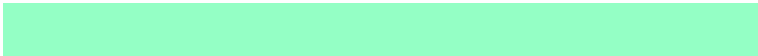
Harmonies

Complementary

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



74, 48.979, 345.506



92, 47.132, 157.284

Rectangle

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



74, 48.979, 345.506



74, 48.979, 35.506



74, 48.979, 165.506



74, 48.979, 215.506

Sweetspot

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



74, 48.976, 345.507



92, 15.072, 342.489



69, 60.524, 309.620



47, 10.569, 342.689



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, 48.976, 345.507



70, 57.750, 346.562



73, 43.312, 20.022



50, 6.567, 342.177



41, 68.886, 358.158



11, 32.329, 353.224

Inverse Universe

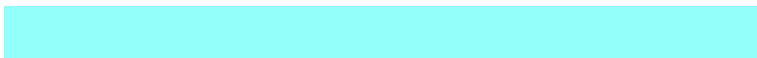
The Inverse Universe completely reimagines the original color for something new.



74, 48.976, 345.507



70, 57.750, 346.562



94, 32.938, 192.525



50, 6.567, 342.177



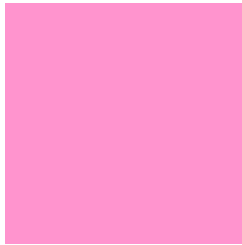
41, 68.886, 358.158



11, 32.329, 353.224

Previews

White Background



This preview shows how the CIELCh color 74, 48.979, 345.506 looks on a white background.

Color Contrast Check

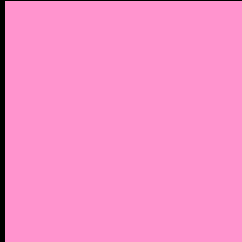
Large Text (above 18pt) WCAG AA × Fail

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, 48.979, 345.506 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, 48.979, 345.506

Background



This preview shows how black text looks on a background with the CIELCh color 74, 48.979, 345.506.



This preview shows how white text looks on a background with the CIELCh color 74, 48.979, 345.506.

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, 48.979, 345.506



Protanomaly
74, 29.951, 314.388



Deuteranomaly
74, 26.435, 334.464



Tritanomaly
74, 40.917, 1.548

Monochromacy



Original Color
74, 48.979, 345.506



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, 48.979, 345.506 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 48.979, 345.506 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, 206) }
```

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

```
.border{ border-color:rgb(255, 148, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 48.979, 345.506 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, 206) }
```

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

```
.background{ background-color: rgb(255,  
148, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor