

Converting Colors

CIELCh(74, 48.660, 348.050)

Have a look what the booklet for
CIELCh(74, 48.660, 348.050)
contains.

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Color

CIELCh(74, 48.504, 347.450)

Conversions

Conversions Part 1

Format	Color
Hex	FF94CB
RGB	255, 148, 203
RGB Percent	100%, 58%, 80%
CMY	0.0000, 0.4213, 0.2056
CMYK	0.00, 0.42, 0.21, 0.00
HSL	329°, 100%, 79%
HSV	329°, 42%, 100%
XYZ	62.7080, 46.7039, 61.9343
YIQ	186.2630, 46.1170, 39.7890

Conversions

Conversions Part 2

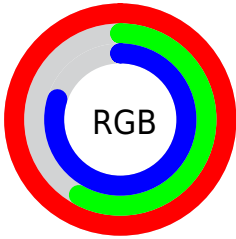
Format	Color
R_{YB}	255, 148, 203
Decimal	16749771
CIE _{Lab}	74.00, 47.35, -10.54
CIE _{LCh}	74, 48.504, 347.450
Yxy	46.7039, 0.3660, 0.2726
Android (android.graphics.Color)	4294939851 (0xFFFF94CB)
YUV	186.2630, 8.2513, 60.2823
Hunter-Lab	68.3403, 44.1934, -5.8942

Details

The CIELCh color **74, 48.504, 347.450** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 46.153, 158.762**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 31.983, 325.537**, and **54, 48.354, 346.910** is the 20% darker color. If you saturate the color by 10%, you get **69, 59.009, 348.696**, and if you desaturate by 10%, it is **80, 36.978, 346.041**.

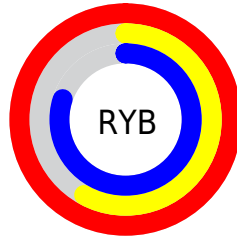
Distribution



Red (100%)

Green (58%)

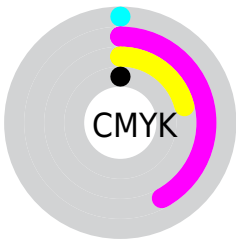
Blue (80%)



Red (100%)

Yellow (58%)

Blue (80%)

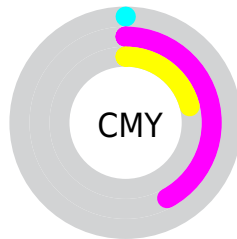


Cyan (0%)

Magenta (42%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 48.504, 347.450 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, 48.504, 347.450 by changing the saturation by 10% instead.


 74, 48.504,
347.450

 74, 48.504,
347.450


 100, 48.504,
347.450


 64, 48.504,
347.450


 94, 48.504,
347.450

 54, 48.504,
347.450

 44, 48.504,
347.450

 34, 48.504,
347.450

 24, 48.504,
347.450

 14, 48.504,
347.450

 4, 48.504, 347.450

0, 48.504, 347.450

74, 48.504,
347.450

74, 48.504,
347.450

69, 59.009,
348.696

80, 36.978,
346.041

64, 68.456,
350.417

86, 25.361,
344.969

60, 76.064,
352.540

92, 13.774,
344.006

58, 81.315,
355.213

99, 2.398, 342.987

56, 84.023,
358.603

100, 0.012,
296.813

55, 84.779, 1.786

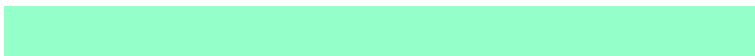
Harmonies

Complementary

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



74, 48.504, 347.450



93, 46.153, 158.762

Rectangle

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



74, 48.504, 347.450



74, 48.504, 37.450



74, 48.504, 167.450



74, 48.504, 217.450

Sweetspot

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



74, 48.334, 347.264



92, 14.770, 344.087



70, 60.994, 310.684



47, 10.359, 344.293



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, 48.334, 347.264



69, 57.849, 348.521



73, 43.834, 22.516



50, 6.434, 343.764



41, 68.389, 0.981



10, 31.986, 355.568

Inverse Universe

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



74, 48.334, 347.264



69, 57.849, 348.521



94, 32.647, 195.767



50, 6.434, 343.764



41, 68.389, 0.981



10, 31.986, 355.568

Previews

White Background



This preview shows how the CIELCh color 74, 48.504, 347.450 looks on a white background.

Color Contrast Check

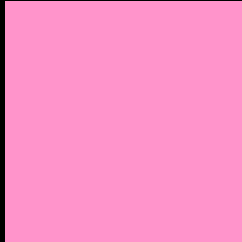
Large Text (above 18pt) WCAG AA × Fail

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, 48.504, 347.450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

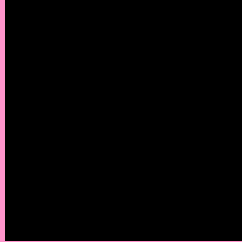
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 48.504, 347.450

Background



This preview shows how black text looks on a background with the CIELCh color 74, 48.504, 347.450.



This preview shows how white text looks on a background with the CIELCh color 74, 48.504, 347.450.

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

74, 48.198, 347.119

Protanopia

74, 23.913, 286.053

Deuteranopia

74, 12.364, 319.240



Tritanopia
74, 38.749, 13.834

Trichromacy



Original Color
74, 48.198, 347.119



Protanomaly
73, 28.773, 316.941



Deuteranomaly
74, 25.592, 337.661

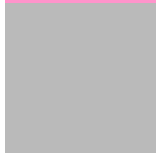


Tritanomaly
74, 40.697, 3.005

Monochromacy



Original Color
74, 48.198, 347.119



Achromatopsia
76, 0.009, 296.813



Achromatomaly
74, 18.114, 344.539

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 48.504, 347.450 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 48.504, 347.450 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, 203) }
```

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

```
.border{ border-color:rgb(255, 148, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 48.504, 347.450 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, 203) }
```

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

```
.background{ background-color: rgb(255,  
148, 203) }
```

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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