

Converting Colors

CIELCh(74, 49.603, 345.491)

Have a look what the booklet for
CIELCh(74, 49.603, 345.491)
contains.

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Color

CIELCh(74, 49.542, 345.315)

Conversions

Conversions Part 1

Format	Color
Hex	FF93CE
RGB	255, 147, 206
RGB Percent	100%, 58%, 81%
CMY	0.0000, 0.4227, 0.1913
CMYK	0.00, 0.42, 0.19, 0.00
HSL	327°, 100%, 79%
HSV	327°, 42%, 100%
XYZ	62.9584, 46.7039, 64.2265
YIQ	186.0180, 45.4290, 41.2450

Conversions

Conversions Part 2

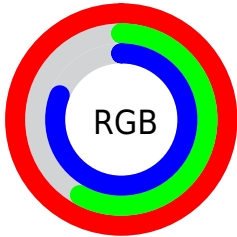
Format	Color
R_{YB}	255, 147, 206
Decimal	16749518
CIE _{Lab}	74.00, 47.92, -12.56
CIE _{LCh}	74, 49.542, 345.315
Yxy	46.7039, 0.3621, 0.2686
Android (android.graphics.Color)	4294939598 (0xFFFF93CE)
YUV	186.0180, 9.8511, 60.4972
Hunter-Lab	68.3403, 44.8474, -7.8828

Details

The CIELCh color $74, 49.542, 345.315$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $92, 47.669, 156.997$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 32.611, 325.559$, and $54, 49.707, 345.028$ is the 20% darker color. If you saturate the color by 10%, you get $69, 60.275, 346.576$, and if you desaturate by 10%, it is $80, 37.943, 344.093$.

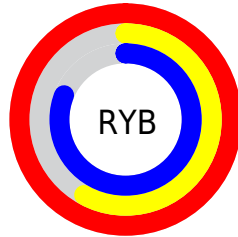
Distribution



Red (100%)

Green (58%)

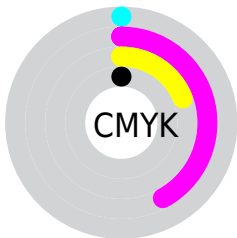
Blue (81%)



Red (100%)

Yellow (58%)

Blue (81%)

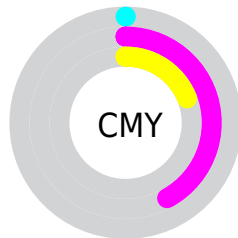


Cyan (0%)

Magenta (42%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 49.542, 345.315 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, 49.542, 345.315 by changing the saturation by 10% instead.


 74, 49.542,
345.315


 74, 49.542,
345.315


 100, 49.542,
345.315


 64, 49.542,
345.315


 94, 49.542,
345.315

 54, 49.542,
345.315

 44, 49.542,
345.315

 34, 49.542,
345.315

 24, 49.542,
345.315

 14, 49.542,
345.315

 4, 49.542, 345.315

■ 0, 49.542, 345.315

■ 74, 49.542,
345.315

■ 74, 49.542,
345.315

■ 69, 60.275,
346.576

■ 80, 37.943,
344.093

■ 64, 69.775,
348.160

■ 86, 26.104,
343.075

■ 61, 77.355,
350.096

■ 92, 14.263,
342.153

■ 58, 82.486,
352.518

■ 99, 2.611, 341.183

■ 56, 84.967,
355.577

100, 0.012,
296.813

■ 55, 85.463,
358.399

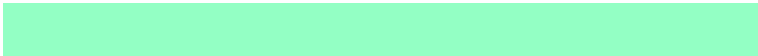
Harmonies

Complementary

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



74, 49.542, 345.315



92, 47.669, 156.997

Rectangle

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



74, 49.542, 345.315



74, 49.542, 35.315



74, 49.542, 165.315



74, 49.542, 215.315

Sweetspot

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



74, 49.478, 345.243



92, 15.126, 342.218



69, 60.986, 309.636



47, 10.607, 342.417



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, 49.478, 345.243



69, 58.966, 346.395



73, 43.664, 20.070



50, 6.591, 341.908



41, 68.992, 357.674



11, 32.394, 352.824

Inverse Universe

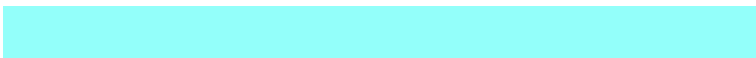
The Inverse Universe completely reimagines the original color for something new.



74, 49.478, 345.243



69, 58.966, 346.395



94, 33.141, 192.509



50, 6.591, 341.908



41, 68.992, 357.674



11, 32.394, 352.824

Previews

White Background



This preview shows how the CIELCh color 74, 49.542, 345.315 looks on a white background.

Color Contrast Check

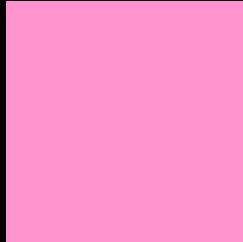
Large Text (above 18pt) WCAG AA × Fail

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, 49.542, 345.315 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, 49.542, 345.315

Background



This preview shows how black text looks on a background with the CIELCh color 74, 49.542, 345.315.



This preview shows how white text looks on a background with the CIELCh color 74, 49.542, 345.315.

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, 38.322, 14.460

Trichromacy



Original Color
74, 49.542, 345.315



Protanomaly
73, 30.723, 315.264



Deuteranomaly
73, 26.578, 333.027



Tritanomaly
74, 40.917, 1.548

Monochromacy



Original Color
74, 49.542, 345.315



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, 49.542, 345.315 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, 147, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 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, 147, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 49.542, 345.315 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, 147, 206) }
```

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

```
.border{ border-color:rgb(255, 147, 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, 147, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 49.542, 345.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 206) }
```

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

```
.background{ background-color: rgb(255,  
147, 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](#).

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