

Converting Colors

CIELCh(82, 67.726, 359.512)

Have a look what the booklet for
CIELCh(82, 67.726, 359.512)
contains.

CIELCh(74, 50.090, 344.286)	3
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Color

CIELCh(74, 50.090, 344.286)

Conversions

Conversions Part 1

Format	Color
Hex	FF93D0
RGB	255, 147, 208
RGB Percent	100%, 58%, 82%
CMY	0.0000, 0.4234, 0.1842
CMYK	0.00, 0.42, 0.18, 0.00
HSL	326°, 100%, 79%
HSV	326°, 42%, 100%
XYZ	63.0860, 46.7039, 65.3903
YIQ	186.2460, 44.7870, 41.8670

Conversions

Conversions Part 2

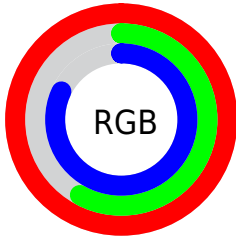
Format	Color
R_{YB}	255, 147, 208
Decimal	16749520
CIE _{Lab}	74.00, 48.22, -13.57
CIE _{LCh}	74, 50.090, 344.286
Yxy	46.7039, 0.3601, 0.2666
Android (android.graphics.Color)	4294939600 (0xFFFF93D0)
YUV	186.2460, 10.7247, 60.2973
Hunter-Lab	68.3403, 45.1806, -8.8925

Details

The CIELCh color $74, 50.090, 344.286$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $92, 48.439, 156.154$, 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 $54, 50.272, 343.938$ is the 20% darker color. If you saturate the color by 10%, you get $69, 60.942, 345.557$, and if you desaturate by 10%, it is $80, 38.445, 343.158$.

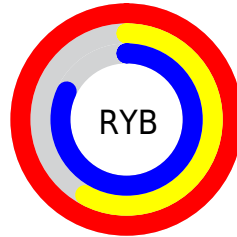
Distribution



Red (100%)

Green (58%)

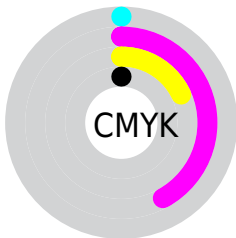
Blue (82%)



Red (100%)

Yellow (58%)

Blue (82%)

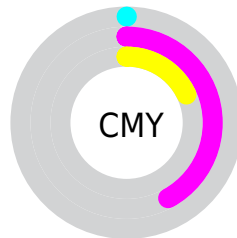


Cyan (0%)

Magenta (42%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 50.090, 344.286 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, 50.090, 344.286 by changing the saturation by 10% instead.


 74, 50.090,
344.286

 74, 50.090,
344.286

 100, 50.090,
344.286

 64, 50.090,
344.286

 94, 50.090,
344.286

 54, 50.090,
344.286

 44, 50.090,
344.286

 34, 50.090,
344.286

 24, 50.090,
344.286

 14, 50.090,
344.286

 4, 50.090, 344.286

■ 0, 50.090, 344.286

■ 74, 50.090,
344.286

■ 74, 50.090,
344.286

■ 69, 60.942,
345.557

■ 80, 38.445,
343.158

■ 64, 70.478,
347.074

■ 86, 26.489,
342.167

■ 61, 78.058,
348.919

■ 92, 14.517,
341.265

■ 58, 83.147,
351.216

■ 98, 2.723, 340.319

■ 56, 85.537,
354.110

100, 0.012,
296.813

■ 55, 85.929,
356.755

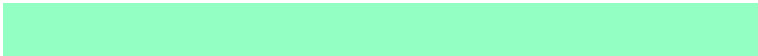
Harmonies

Complementary

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



74, 50.090, 344.286



92, 48.439, 156.154

Rectangle

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



74, 50.090, 344.286



74, 50.090, 34.286



74, 50.090, 164.286



74, 50.090, 214.286

Sweetspot

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



74, 50.075, 344.273



92, 15.309, 341.323



69, 60.991, 309.114



48, 10.734, 341.517



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, 50.075, 344.273



69, 59.555, 345.373



73, 43.613, 18.835



50, 6.672, 341.019



42, 69.389, 356.070



11, 32.628, 351.499

Inverse Universe

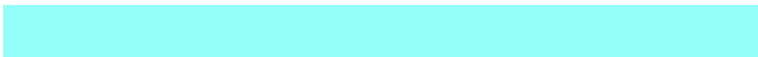
The Inverse Universe completely reimagines the original color for something new.



74, 50.075, 344.273



69, 59.555, 345.373



94, 33.426, 190.910



50, 6.672, 341.019



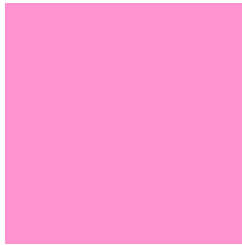
42, 69.389, 356.070



11, 32.628, 351.499

Previews

White Background



This preview shows how the CIELCh color 74, 50.090, 344.286 looks on a white background.

Color Contrast Check

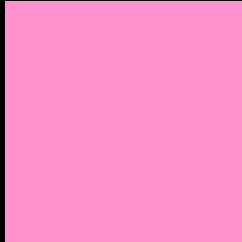
Large Text (above 18pt) WCAG AA × Fail

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, 50.090, 344.286 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, 50.090, 344.286

Background



This preview shows how black text looks on a background with the CIELCh color 74, 50.090, 344.286.



This preview shows how white text looks on a background with the CIELCh color 74, 50.090, 344.286.

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, 50.090, 344.286

Protanopia

74, 27.714, 286.039

Deuteranopia

74, 15.030, 310.952



Tritanopia

74, 38.314, 13.666

Trichromacy



Original Color
74, 50.090, 344.286



Protanomaly
73, 32.086, 313.562



Deuteranomaly
74, 27.363, 331.494



Tritanomaly
74, 41.038, 0.826

Monochromacy



Original Color
74, 50.090, 344.286



Achromatopsia
76, 0.009, 296.813



Achromatomaly
74, 18.738, 341.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 50.090, 344.286 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 50.090, 344.286 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, 208) }
```

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

```
.border{ border-color:rgb(255, 147, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 50.090, 344.286 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, 208) }
```

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

```
.background{ background-color: rgb(255,  
147, 208) }
```

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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