

Converting Colors

CIELCh(87, 78.057, 9.193)

Have a look what the booklet for
CIELCh(87, 78.057, 9.193) contains.

CIELCh(74, 46.996, 349.936)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 46.996, 349.936)

Conversions

Conversions Part 1

Format	Color
Hex	FF94C6
RGB	255, 148, 198
RGB Percent	100%, 58%, 78%
CMY	0.0000, 0.4183, 0.2222
CMYK	0.00, 0.42, 0.22, 0.00
HSL	332°, 100%, 79%
HSV	332°, 42%, 100%
XYZ	62.2457, 46.7039, 59.3616
YIQ	185.6930, 47.7220, 38.2340

Conversions

Conversions Part 2

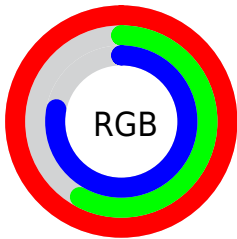
Format	Color
R _Y B	255, 148, 198
Decimal	16749766
CIE Lab	74.00, 46.27, -8.21
CIE LCh	74, 46.996, 349.936
Yxy	46.7039, 0.3698, 0.2775
Android (android.graphics.Color)	4294939846 (0xFFFF94C6)
YUV	185.6930, 6.0674, 60.7822
Hunter-Lab	68.3403, 42.9860, -3.6622

Details

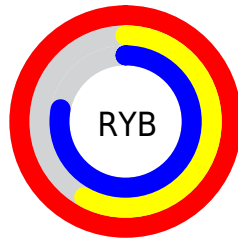
The CIELCh color **74, 46.996, 349.936** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 44.223, 161.066**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 31.983, 325.537**, and **54, 47.130, 349.909** is the 20% darker color. If you saturate the color by 10%, you get **69, 57.459, 351.376**, and if you desaturate by 10%, it is **80, 35.715, 348.518**.

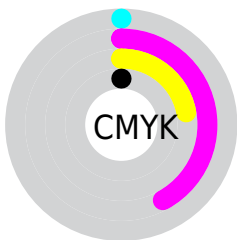
Distribution



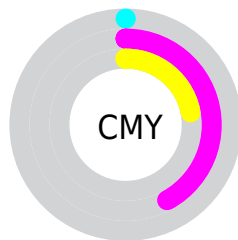
- Red (100%)
- Green (58%)
- Blue (78%)



- Red (100%)
- Yellow (58%)
- Blue (78%)



- Cyan (0%)
- Magenta (42%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 46.996, 349.936 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, 46.996, 349.936 by changing the saturation by 10% instead.


 74, 46.996,
349.936


 74, 46.996,
349.936


 100, 46.996,
349.936


 64, 46.996,
349.936


 94, 46.996,
349.936

 54, 46.996,
349.936

 44, 46.996,
349.936

 34, 46.996,
349.936

 24, 46.996,
349.936

 14, 46.996,
349.936

 4, 46.996, 349.936

0, 46.996, 349.936

74, 46.996,
349.936

74, 46.996,
349.936

69, 57.459,
351.376

80, 35.715,
348.518

64, 66.902,
353.258

86, 24.344,
347.383

60, 74.624,
355.601

92, 13.048,
346.373

57, 80.122,
358.570

99, 1.995, 345.273

56, 83.228, 2.339

100, 0.012,
296.813

55, 84.428, 6.013

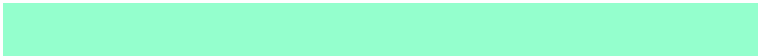
Harmonies

Complementary

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



74, 46.996, 349.936



93, 44.223, 161.066

Rectangle

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



74, 46.996, 349.936



74, 46.996, 39.936



74, 46.996, 169.936



74, 46.996, 219.936

Sweetspot

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



74, 46.887, 349.827



91, 14.360, 346.487



70, 60.763, 311.726



47, 10.075, 346.704



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, 46.887, 349.827



70, 55.592, 351.071



73, 43.050, 24.796



50, 6.252, 346.148



41, 68.025, 5.118



10, 31.609, 359.040

Inverse Universe

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



74, 46.887, 349.827



70, 55.592, 351.071



93, 31.722, 199.137



50, 6.252, 346.148



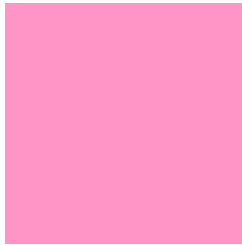
41, 68.025, 5.118



10, 31.609, 359.040

Previews

White Background



This preview shows how the CIELCh color 74, 46.996, 349.936 looks on a white background.

Color Contrast Check

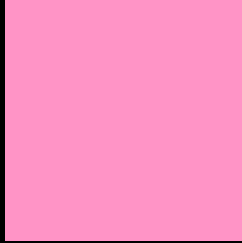
Large Text (above 18pt) WCAG AA × Fail

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, 46.996, 349.936 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, 46.996, 349.936

Background



This preview shows how black text looks on a background with the CIELCh color 74, 46.996, 349.936.



This preview shows how white text looks on a background with the CIELCh color 74, 46.996, 349.936.

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, 39.142, 13.974

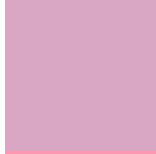
Trichromacy



Original Color
74, 46.996, 349.936



Protanomaly
73, 25.887, 319.977



Deuteranomaly
74, 23.902, 342.472



Tritanomaly
74, 40.959, 3.974

Monochromacy



Original Color
74, 46.996, 349.936



Achromatopsia
76, 0.009, 296.813



Achromatomaly
74, 17.537, 347.432

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 46.996, 349.936 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 46.996, 349.936 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, 198) }
```

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

```
.border{ border-color:rgb(255, 148, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 46.996, 349.936 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, 198) }
```

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

```
.background{ background-color: rgb(255,  
148, 198) }
```

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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