

Converting Colors

CIELCh(74, 43.089, 1.313)

Have a look what the booklet for
CIELCh(74, 43.089, 1.313) contains.

CIELCh(74, 43.096, 0.746)	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, 43.096, 0.746)

Conversions

Conversions Part 1

Format	Color
Hex	FF96B6
RGB	255, 150, 182
RGB Percent	100%, 59%, 71%
CMY	0.0000, 0.4100, 0.2845
CMYK	0.00, 0.41, 0.28, 0.00
HSL	342°, 100%, 80%
HSV	342°, 41%, 100%
XYZ	60.8879, 46.7039, 50.3030
YIQ	185.0430, 52.3080, 32.2120

Conversions

Conversions Part 2

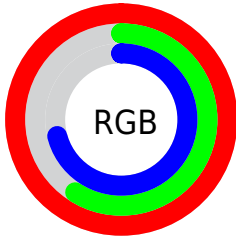
Format	Color
R _Y B	255, 150, 182
Decimal	16750262
CIE Lab	74.00, 43.09, 0.56
CIE LCh	74, 43.096, 0.746
Yxy	46.7039, 0.3856, 0.2958
Android (android.graphics.Color)	4294940342 (0xFFFF96B6)
YUV	185.0430, -1.5002, 61.3523
Hunter-Lab	68.3403, 39.4394, 4.1968

Details

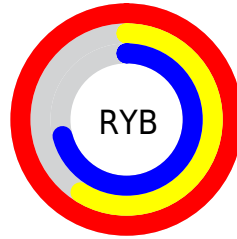
The CIELCh color **74, 43.096, 0.746** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 38.013, 171.234**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 24.155, 337.668**, and **54, 42.943, 1.034** is the 20% darker color. If you saturate the color by 10%, you get **68, 53.433, 2.564**, and if you desaturate by 10%, it is **80, 32.156, 359.038**.

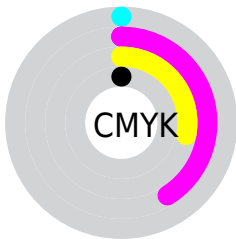
Distribution



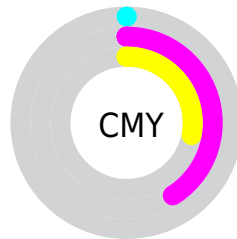
- Red (100%)
- Green (59%)
- Blue (71%)



- Red (100%)
- Yellow (59%)
- Blue (71%)



- Cyan (0%)
- Magenta (41%)
- Yellow (28%)
- Black (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 43.096, 0.746 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, 43.096, 0.746 by changing the saturation by 10% instead.

 74, 43.096, 0.746

 74, 43.096, 0.746

 100, 43.096, 0.746

 64, 43.096, 0.746

 94, 43.096, 0.746

 54, 43.096, 0.746

 44, 43.096, 0.746

 34, 43.096, 0.746

 24, 43.096, 0.746

 14, 43.096, 0.746

 4, 43.096, 0.746

 0, 43.096, 0.746

 74, 43.096, 0.746

 74, 43.096, 0.746

68, 53.433, 2.564

80, 32.156,
359.038

64, 63.245, 4.988

86, 21.456,
357.710

60, 71.860, 8.061

57, 78.870, 11.961

93, 11.028,
356.560

55, 84.193, 16.806

99, 0.986, 355.058

54, 88.019, 21.806

100, 0.012,
296.813

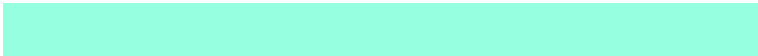
Harmonies

Complementary

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



74, 43.096, 0.746



93, 38.013, 171.234

Rectangle

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



74, 43.096, 0.746



74, 43.096, 50.746



74, 43.096, 180.746



74, 43.096, 230.746

Sweetspot

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



74, 42.923, 0.625



92, 12.055, 356.670



73, 60.927, 316.972



48, 8.017, 356.814



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, 42.923, 0.625



70, 51.372, 2.143



77, 37.031, 37.951



50, 5.683, 356.397



40, 70.481, 20.716



10, 31.437, 12.325

Inverse Universe

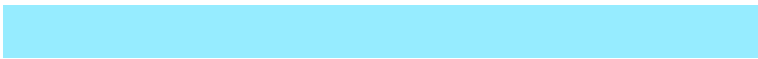
The Inverse Universe completely reimagines the original color for something new.



74, 42.923, 0.625



70, 51.372, 2.143



89, 27.288, 219.553



50, 5.683, 356.397



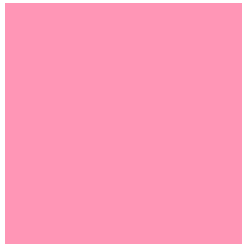
40, 70.481, 20.716



10, 31.437, 12.325

Previews

White Background



This preview shows how the CIELCh color 74, 43.096, 0.746 looks on a white background.

Color Contrast Check

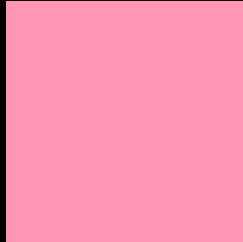
Large Text (above 18pt) WCAG AA × Fail

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, 43.096, 0.746 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, 43.096, 0.746

Background



This preview shows how black text looks on a background with the CIELCh color 74, 43.096, 0.746.



This preview shows how white text looks on a background with the CIELCh color 74, 43.096, 0.746.

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, 43.096, 0.746

Protanopia

74, 10.833, 289.332

Deuteranopia

74, 9.602, 13.752



Tritanopia
74, 39.550, 14.883

Trichromacy



Original Color
74, 43.096, 0.746



Protanomaly
73, 18.897, 337.740



Deuteranomaly
74, 21.816, 2.800



Tritanomaly
74, 40.420, 9.888

Monochromacy



Original Color
74, 43.096, 0.746



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 15.777, 356.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 43.096, 0.746 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, 150, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 182)  
}
```

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, 150, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 43.096, 0.746 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, 150, 182) }
```

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

```
.border{ border-color:rgb(255, 150, 182) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 150, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 43.096, 0.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 182) }
```

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

```
.background{ background-color: rgb(255,  
150, 182) }
```

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