

Converting Colors

CIELCh(74, 40.752, 14.053)

Have a look what the booklet for
CIELCh(74, 40.752, 14.053) contains.

CIELCh(74, 40.748, 13.797)	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, 40.748, 13.797)

Conversions

Conversions Part 1

Format	Color
Hex	FF99A6
RGB	255, 153, 166
RGB Percent	100%, 60%, 65%
CMY	0.0007, 0.4006, 0.3496
CMYK	0.00, 0.40, 0.35, 0.00
HSL	352°, 100%, 80%
HSV	352°, 40%, 100%
XYZ	59.4083, 46.7039, 41.8845
YIQ	184.9800, 56.6190, 25.6670

Conversions

Conversions Part 2

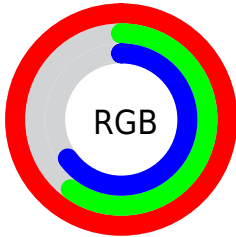
Format	Color
R _Y B	255, 153, 166
Decimal	16751014
CIE Lab	74.00, 39.57, 9.72
CIE LCh	74, 40.748, 13.797
Yxy	46.7039, 0.4014, 0.3156
Android (android.graphics.Color)	4294941094 (0xFFFF99A6)
YUV	184.9800, -9.3571, 61.4075
Hunter-Lab	68.3403, 35.5747, 11.5004

Details

The CIELCh color **74, 40.748, 13.797** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 32.885, 185.519**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 17.985, 0.553**, and **54, 40.872, 14.055** is the 20% darker color. If you saturate the color by 10%, you get **68, 51.874, 15.857**, and if you desaturate by 10%, it is **80, 29.823, 12.170**.

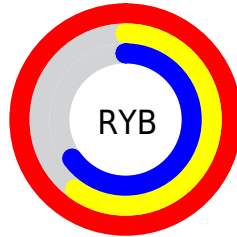
Distribution



Red (100%)

Green (60%)

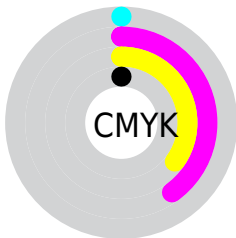
Blue (65%)



Red (100%)

Yellow (60%)

Blue (65%)

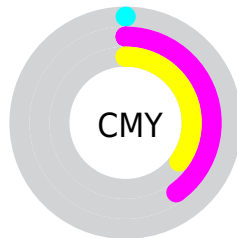


Cyan (0%)

Magenta (40%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 40.748, 13.797 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, 40.748, 13.797 by changing the saturation by 10% instead.

 74, 40.748, 13.797

 74, 40.748, 13.797

 100, 40.748,
13.797

 64, 40.748, 13.797

 94, 40.748, 13.797

 54, 40.748, 13.797

 44, 40.748, 13.797

 34, 40.748, 13.797

 24, 40.748, 13.797

 14, 40.748, 13.797

 4, 40.748, 13.797

 0, 40.748, 13.797

 74, 40.748, 13.797

 74, 40.748, 13.797

■ 68, 51.874, 15.857

■ 80, 29.823, 12.170

■ 63, 62.881, 18.477

■ 86, 19.328, 10.855

■ 59, 73.368, 21.799

■ 93, 9.380, 9.755

■ 56, 82.970, 25.899

100, 0.023,
339.901

■ 54, 91.430, 30.634

100, 0.062,
210.225

■ 53, 98.503, 35.308

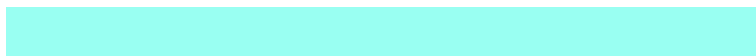
Harmonies

Complementary

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



74, 40.748, 13.797



94, 32.885, 185.519

Rectangle

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



74, 40.748, 13.797



74, 40.748, 63.797



74, 40.748, 193.797



74, 40.748, 243.797

Sweetspot

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



74, 40.745, 13.800



92, 11.311, 9.962



75, 61.479, 322.618



48, 7.533, 10.100



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, 40.745, 13.800



70, 49.654, 15.402



82, 33.558, 56.351



50, 5.317, 9.702



40, 78.627, 34.457



10, 32.420, 21.969

Inverse Universe

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



74, 40.745, 13.800



70, 49.654, 15.402



84, 27.075, 245.635



50, 5.317, 9.702



40, 78.627, 34.457



10, 32.420, 21.969

Previews

White Background



This preview shows how the CIELCh color 74, 40.748, 13.797 looks on a white background.

Color Contrast Check

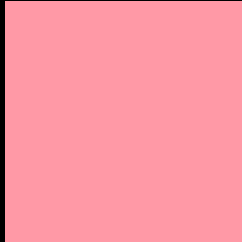
Large Text (above 18pt) WCAG AA × Fail

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, 40.748, 13.797 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, 40.748, 13.797

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.748, 13.797.

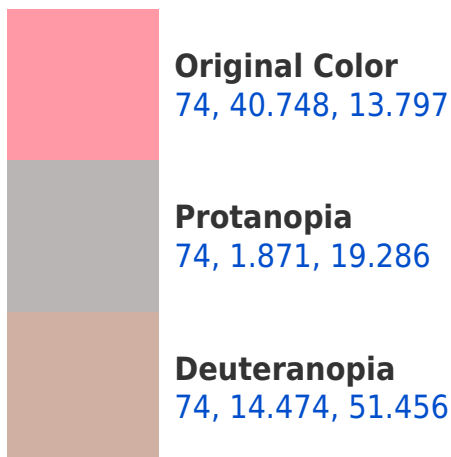


This preview shows how white text looks on a background with the CIELCh color 74, 40.748, 13.797.

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, 40.781, 15.290

Trichromacy



Original Color
74, 40.748, 13.797



Protanomaly
74, 15.590, 12.854



Deuteranomaly
74, 22.538, 28.099



Tritanomaly
74, 40.761, 14.544

Monochromacy



Original Color
74, 40.748, 13.797



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 14.446, 9.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.748, 13.797 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, 153, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 166)  
}
```

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, 153, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.748, 13.797 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, 153, 166) }
```

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

```
.border{ border-color:rgb(255, 153, 166) }
```

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

Here you see how a box with a 4 pixel rgb(255, 153, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.748, 13.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 166) }
```

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

```
.background{ background-color: rgb(255,  
153, 166) }
```

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