

Converting Colors

CIELCh(77, 50.269, 32.795)

Have a look what the booklet for
CIELCh(77, 50.269, 32.795) contains.

CIELCh(74, 41.986, 33.806)	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, 41.986, 33.806)

Conversions

Conversions Part 1

Format	Color
Hex	FE9C8D
RGB	254, 156, 141
RGB Percent	100%, 61%, 55%
CMY	0.0047, 0.3885, 0.4472
CMYK	0.00, 0.39, 0.44, 0.00
HSL	8°, 98%, 77%
HSV	8°, 44%, 100%
XYZ	57.4764, 46.7039, 31.1700
YIQ	183.5920, 63.2230, 16.1110

Conversions

Conversions Part 2

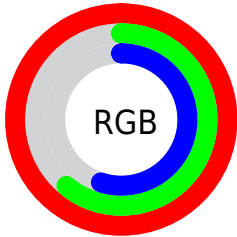
Format	Color
RYB	254, 158, 141
Decimal	16686221
CIELab	74.00, 34.89, 23.36
CIELCh	74, 41.986, 33.806
Yxy	46.7039, 0.4246, 0.3451
Android (android.graphics.Color)	4294876301 (0xFFFE9C8D)
YUV	183.5920, -20.9979, 61.7478
Hunter-Lab	68.3403, 30.5289, 20.7961

Details

The CIELCh color **74, 41.986, 33.806** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 29.845, 212.930**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 18.932, 46.346**, and **54, 42.002, 33.419** is the 20% darker color. If you saturate the color by 10%, you get **69, 53.413, 34.890**, and if you desaturate by 10%, it is **79, 31.244, 33.034**.

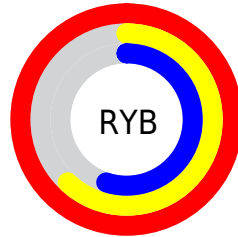
Distribution



Red (100%)

Green (61%)

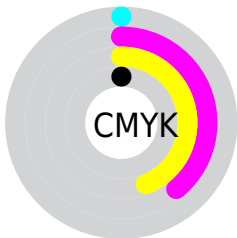
Blue (55%)



Red (100%)

Yellow (62%)

Blue (55%)

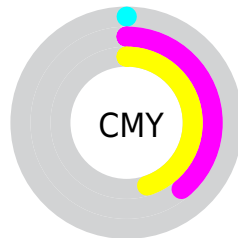


Cyan (0%)

Magenta (39%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 41.986, 33.806 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, 41.986, 33.806 by changing the saturation by 10% instead.

74, 41.986, 33.806

74, 41.986, 33.806

100, 41.986,
33.806

64, 41.986, 33.806

94, 41.986, 33.806

54, 41.986, 33.806

44, 41.986, 33.806

34, 41.986, 33.806

24, 41.986, 33.806

14, 41.986, 33.806

4, 41.986, 33.806

0, 41.986, 33.806

74, 41.986, 33.806

74, 41.986, 33.806

69, 53.413, 34.890

79, 31.244, 33.034

64, 65.357, 36.313

85, 21.265, 32.502

61, 77.457, 38.047

91, 12.050, 32.151

57, 88.961, 39.865

97, 3.562, 31.842

55, 98.210, 41.106

100, 0.421,
200.955

54, 101.843,
41.448

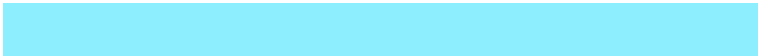
Harmonies

Complementary

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



74, 41.986, 33.806



89, 29.845, 212.930

Rectangle

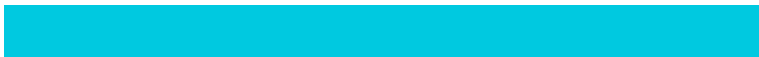
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 41.986, 33.806



74, 41.986, 83.806



74, 41.986, 213.806



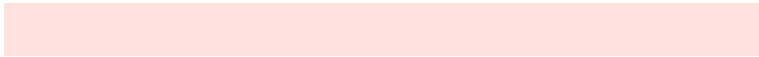
74, 41.986, 263.806

Sweetspot

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



74, 41.984, 33.810



92, 10.812, 32.111



74, 64.358, 330.448



48, 7.636, 32.173



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, 41.984, 33.810



70, 51.913, 34.713



87, 40.582, 80.924



50, 4.659, 32.016



41, 81.970, 41.735



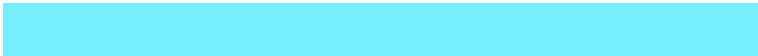
11, 30.968, 33.684

Inverse Universe

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



89, 29.845, 212.930



88, 34.055, 213.537



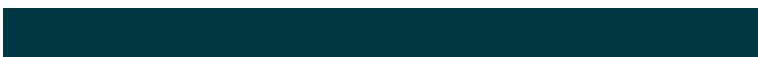
74, 39.040, 274.990



52, 4.380, 212.044



63, 35.274, 221.013



21, 16.353, 217.661

Previews

White Background



This preview shows how the CIELCh color 74, 41.986, 33.806 looks on a white background.

Color Contrast Check

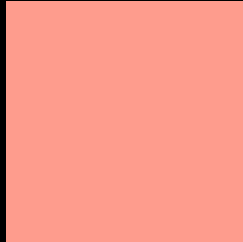
Large Text (above 18pt) WCAG AA × Fail

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, 41.986, 33.806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

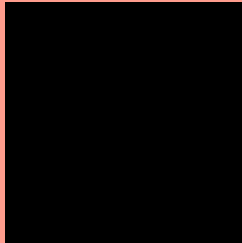
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 41.986, 33.806

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.986, 33.806.



This preview shows how white text looks on a background with the CIELCh color 74, 41.986, 33.806.

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, 42.044, 33.821

Protanopia

74, 16.101, 94.358

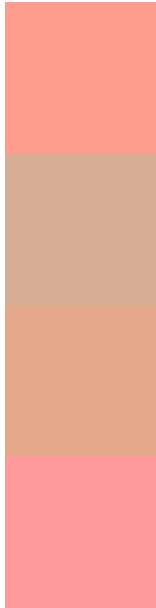
Deuteranopia

74, 26.651, 69.572



Tritanopia
74, 40.781, 15.290

Trichromacy



Original Color
74, 42.044, 33.821

Protanomaly
74, 21.339, 57.419

Deuteranomaly
74, 30.665, 52.465

Tritanomaly
74, 40.848, 21.852

Monochromacy



Original Color
74, 42.044, 33.821

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 14.382, 31.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 41.986, 33.806 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(254, 156, 141)` looks like.

```
.text, #text, p{  
    color:rgb(254, 156, 141)  
}
```

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(254, 156, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 156, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.986, 33.806 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(254, 156, 141) }
```

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

```
.border{ border-color:rgb(254, 156, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 156, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 156, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 156, 141);  
box-shadow:4px 4px 4px 4px rgb(254, 156,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.986, 33.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 156, 141) }
```

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

```
.background{ background-color: rgb(254,  
156, 141) }
```

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