

Converting Colors

CIELCh(81, 69.720, 38.212)

Have a look what the booklet for
CIELCh(81, 69.720, 38.212) contains.

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Color

CIELCh(74, 46.940, 43.154)

Conversions

Conversions Part 1

Format	Color
Hex	FF9C7D
RGB	255, 156, 125
RGB Percent	100%, 61%, 49%
CMY	0.0000, 0.3884, 0.5102
CMYK	0.00, 0.39, 0.51, 0.00
HSL	14°, 100%, 74%
HSV	14°, 51%, 100%
XYZ	57.2143, 46.7039, 25.3687
YIQ	182.0670, 68.9550, 11.3470

Conversions

Conversions Part 2

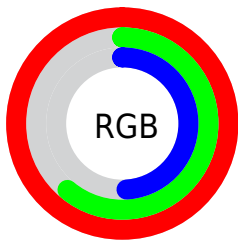
Format	Color
R _Y B	255, 166, 125
Decimal	16751741
CIE Lab	74.00, 34.24, 32.11
CIE LCh	74, 46.940, 43.154
Yxy	46.7039, 0.4425, 0.3612
Android (android.graphics.Color)	4294941821 (0xFFFF9C7D)
YUV	182.0670, -28.1340, 63.9622
Hunter-Lab	68.3403, 29.8443, 25.8291

Details

The CIELCh color **74, 46.940, 43.154** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **84, 31.867, 229.001**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 24.630, 63.978**, and **54, 46.593, 42.680** is the 20% darker color. If you saturate the color by 10%, you get **69, 57.765, 43.681**, and if you desaturate by 10%, it is **79, 35.903, 43.166**.

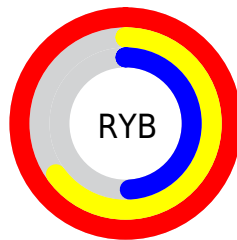
Distribution



Red (100%)

Green (61%)

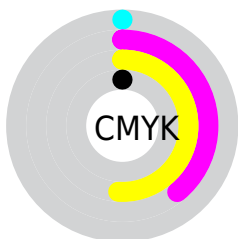
Blue (49%)



Red (100%)

Yellow (65%)

Blue (49%)

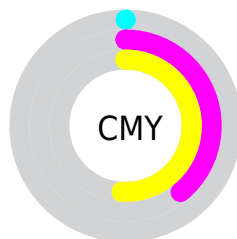


Cyan (0%)

Magenta (39%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 46.940, 43.154 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, 46.940, 43.154 by changing the saturation by 10% instead.

74, 46.940, 43.154

74, 46.940, 43.154

100, 46.940,
43.154

64, 46.940, 43.154

94, 46.940, 43.154

54, 46.940, 43.154

44, 46.940, 43.154

34, 46.940, 43.154

24, 46.940, 43.154

14, 46.940, 43.154

4, 46.940, 43.154

0, 46.940, 43.154

74, 46.940, 43.154

74, 46.940, 43.154

69, 57.765, 43.681

79, 35.903, 43.166

65, 69.469, 44.195

84, 26.046, 43.177

62, 81.077, 44.724

89, 16.930, 43.329

59, 91.381, 44.855

94, 8.519, 43.572

57, 98.218, 44.275

99, 0.753, 43.167

100, 0.012,
296.813

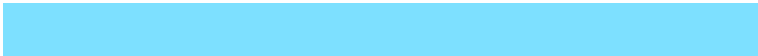
Harmonies

Complementary

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



74, 46.940, 43.154



84, 31.867, 229.001

Rectangle

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



74, 46.940, 43.154



74, 46.940, 93.154



74, 46.940, 223.154



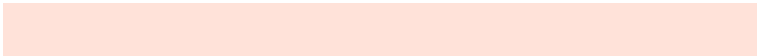
74, 46.940, 273.154

Sweetspot

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



74, 46.502, 43.328



92, 11.787, 43.469



70, 67.622, 335.354



48, 8.112, 43.417



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, 46.502, 43.328



69, 57.744, 43.681



89, 50.905, 89.536



50, 4.369, 43.610



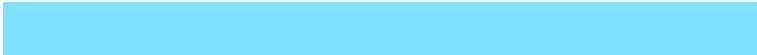
43, 78.625, 44.750



12, 29.413, 39.525

Inverse Universe

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



84, 31.867, 229.001



82, 36.105, 231.039



67, 52.996, 285.268



52, 4.126, 224.596



56, 36.438, 244.005



18, 16.377, 237.851

Previews

White Background



This preview shows how the CIELCh color 74, 46.940, 43.154 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, 46.940, 43.154 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, 46.940, 43.154

Background



This preview shows how black text looks on a background with the CIELCh color 74, 46.940, 43.154.



This preview shows how white text looks on a background with the CIELCh color 74, 46.940, 43.154.

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, 46.466, 43.307

Protanopia

74, 25.251, 95.574

Deuteranopia

74, 34.511, 74.435



Tritanopia
74, 41.222, 15.441

Trichromacy



Original Color
74, 46.466, 43.307



Protanomaly
74, 29.154, 68.713



Deuteranomaly
74, 37.347, 60.595



Tritanomaly
74, 41.989, 26.218

Monochromacy



Original Color
74, 46.466, 43.307



Achromatopsia
74, 0.009, 296.813



Achromatomaly
74, 15.774, 44.531

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 46.940, 43.154 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, 156, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 125)  
}
```

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, 156, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 46.940, 43.154 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, 156, 125) }
```

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

```
.border{ border-color:rgb(255, 156, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 46.940, 43.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 125) }
```

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

```
.background{ background-color: rgb(255,  
156, 125) }
```

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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