

Converting Colors

CIELCh(93, 97.830, 34.653)

Have a look what the booklet for
CIELCh(93, 97.830, 34.653) contains.

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Color

CIELCh(74, 43.860, 40.204)

Conversions

Conversions Part 1

Format	Color
Hex	FE9D84
RGB	254, 157, 132
RGB Percent	100%, 62%, 52%
CMY	0.0054, 0.3851, 0.4830
CMYK	0.00, 0.38, 0.48, 0.01
HSL	12°, 98%, 76%
HSV	12°, 48%, 99%
XYZ	56.9118, 46.7039, 27.7874
YIQ	183.1530, 65.8370, 12.7890

Conversions

Conversions Part 2

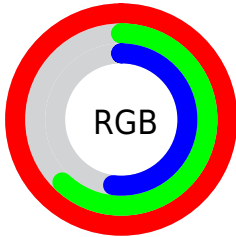
Format	Color
RYB	254, 163, 132
Decimal	16686468
CIELab	74.00, 33.50, 28.31
CIELCh	74, 43.860, 40.204
Yxy	46.7039, 0.4331, 0.3554
Android (android.graphics.Color)	4294876548 (0xFFFE9D84)
YUV	183.1530, -25.2184, 62.1328
Hunter-Lab	68.3403, 29.0540, 23.7307

Details

The CIELCh color **74, 43.860, 40.204** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86, 30.496, 223.435**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 22.047, 59.491**, and **54, 44.115, 40.027** is the 20% darker color. If you saturate the color by 10%, you get **69, 55.087, 40.789**, and if you desaturate by 10%, it is **79, 33.324, 39.855**.

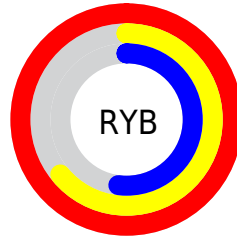
Distribution



Red (100%)

Green (62%)

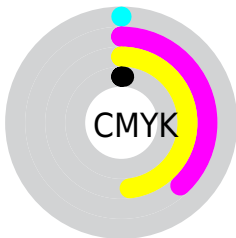
Blue (52%)



Red (100%)

Yellow (64%)

Blue (52%)

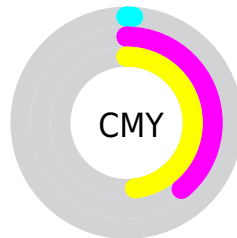


Cyan (0%)

Magenta (38%)

Yellow (48%)

Black (1%)



Cyan (1%)

Magenta (39%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 43.860, 40.204 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, 43.860, 40.204 by changing the saturation by 10% instead.

74, 43.860, 40.204

74, 43.860, 40.204

100, 43.860,
40.204

64, 43.860, 40.204

94, 43.860, 40.204

54, 43.860, 40.204

44, 43.860, 40.204

34, 43.860, 40.204

24, 43.860, 40.204

14, 43.860, 40.204

4, 43.860, 40.204

0, 43.860, 40.204

74, 43.860, 40.204

74, 43.860, 40.204

69, 55.087, 40.789

79, 33.324, 39.855

65, 66.832, 41.595

84, 23.546, 39.698

61, 78.669, 42.535

90, 14.518, 39.692

58, 89.629, 43.285

95, 6.197, 39.767

56, 97.877, 43.194

100, 0.477,
200.765

56, 99.265, 43.183

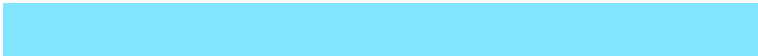
Harmonies

Complementary

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



74, 43.860, 40.204



86, 30.496, 223.435

Rectangle

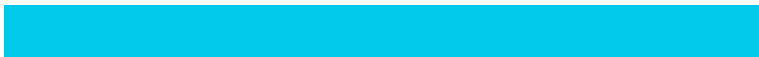
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 43.860, 40.204



74, 43.860, 90.204



74, 43.860, 220.204



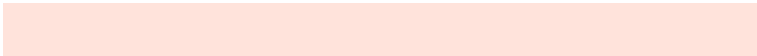
74, 43.860, 270.204

Sweetspot

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



74, 43.858, 40.208



92, 11.142, 39.719



72, 65.237, 333.754



48, 7.761, 39.703



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, 43.858, 40.208



70, 55.311, 40.789



88, 46.527, 87.399



50, 4.441, 39.757



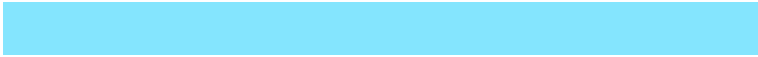
42, 79.829, 43.595



12, 29.908, 37.453

Inverse Universe

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



86, 30.496, 223.435



84, 35.008, 224.996



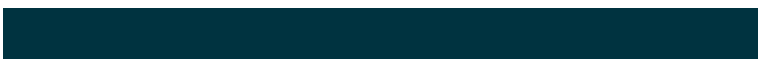
70, 47.289, 282.298



52, 4.184, 220.435



58, 35.489, 236.738



19, 16.166, 231.344

Previews

White Background



This preview shows how the CIELCh color 74, 43.860, 40.204 looks on a white background.

Color Contrast Check

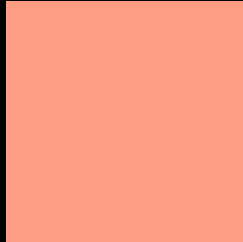
Large Text (above 18pt) WCAG AA × Fail

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, 43.860, 40.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

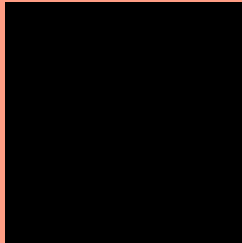
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 43.860, 40.204

Background



This preview shows how black text looks on a background with the CIELCh color 74, 43.860, 40.204.



This preview shows how white text looks on a background with the CIELCh color 74, 43.860, 40.204.

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, 43.925, 40.212

Protanopia

74, 21.514, 95.067

Deuteranopia

74, 30.759, 72.641



Tritanopia
74, 40.781, 15.290

Trichromacy



Original Color
74, 43.925, 40.212

Protanomaly
74, 25.883, 64.827

Deuteranomaly
74, 33.899, 57.507

Tritanomaly
74, 41.269, 24.759

Monochromacy



Original Color
74, 43.925, 40.212

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 15.075, 39.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 43.860, 40.204 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, 157, 132)` looks like.

```
.text, #text, p{  
    color:rgb(254, 157, 132)  
}
```

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, 157, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 157, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 43.860, 40.204 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, 157, 132) }
```

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

```
.border{ border-color:rgb(254, 157, 132) }
```

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

Here you see how a box with a 4 pixel rgb(254, 157, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 157, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 157, 132);  
box-shadow:4px 4px 4px 4px rgb(254, 157,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 43.860, 40.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 157, 132) }
```

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

```
.background{ background-color: rgb(254,  
157, 132) }
```

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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