

Converting Colors

CIELCh(74, 47.644, 45.322)

Have a look what the booklet for
CIELCh(74, 47.644, 45.322) contains.

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Color

CIELCh(74, 47.356, 44.880)

Conversions

Conversions Part 1

Format	Color
Hex	FF9C7A
RGB	255, 156, 122
RGB Percent	100%, 61%, 48%
CMY	0.0000, 0.3864, 0.5199
CMYK	0.00, 0.39, 0.52, 0.00
HSL	15°, 100%, 74%
HSV	15°, 52%, 100%
XYZ	56.9351, 46.7039, 24.5669
YIQ	181.7250, 69.9180, 10.4140

Conversions

Conversions Part 2

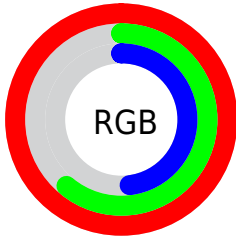
Format	Color
R _Y B	255, 168, 122
Decimal	16751738
CIE Lab	74.00, 33.56, 33.42
CIE LCh	74, 47.356, 44.880
Yxy	46.7039, 0.4441, 0.3643
Android (android.graphics.Color)	4294941818 (0xFFFF9C7A)
YUV	181.7250, -29.4444, 64.2622
Hunter-Lab	68.3403, 29.1151, 26.5247

Details

The CIELCh color **74, 47.356, 44.880** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **83, 32.331, 231.955**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 25.822, 66.179**, and **54, 47.364, 44.961** is the 20% darker color. If you saturate the color by 10%, you get **70, 58.357, 45.186**, and if you desaturate by 10%, it is **79, 36.584, 44.929**.

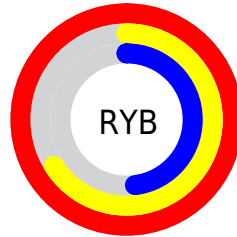
Distribution



Red (100%)

Green (61%)

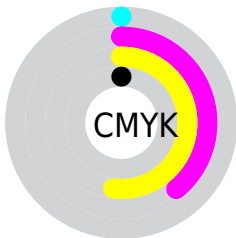
Blue (48%)



Red (100%)

Yellow (66%)

Blue (48%)

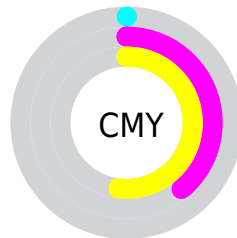


Cyan (0%)

Magenta (39%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 47.356, 44.880 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, 47.356, 44.880 by changing the saturation by 10% instead.

74, 47.356, 44.880

74, 47.356, 44.880

100, 47.356,
44.880

64, 47.356, 44.880

94, 47.356, 44.880

54, 47.356, 44.880

44, 47.356, 44.880

34, 47.356, 44.880

24, 47.356, 44.880

14, 47.356, 44.880

4, 47.356, 44.880

0, 47.356, 44.880

74, 47.356, 44.880

74, 47.356, 44.880

70, 58.357, 45.186

79, 36.584, 44.929

66, 69.974, 45.527

83, 26.749, 45.044

62, 81.418, 45.831

89, 17.647, 45.289

59, 91.411, 45.661

94, 9.239, 45.622

57, 97.381, 44.940

99, 1.470, 45.708

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, 47.356, 44.880



83, 32.331, 231.955

Rectangle

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



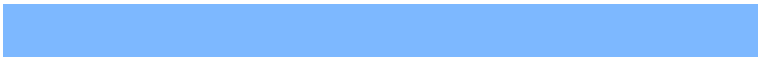
74, 47.356, 44.880



74, 47.356, 94.880



74, 47.356, 224.880



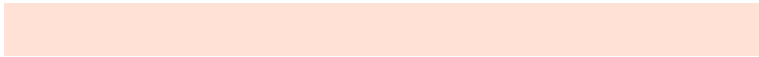
74, 47.356, 274.880

Sweetspot

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



74, 47.147, 44.973



92, 12.533, 45.482



70, 67.986, 336.153



48, 8.532, 45.413



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, 47.147, 44.973



70, 58.372, 45.187



89, 52.519, 90.634



50, 4.339, 45.708



43, 77.943, 45.443



12, 29.153, 40.714

Inverse Universe

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



83, 32.331, 231.955



81, 36.597, 234.225



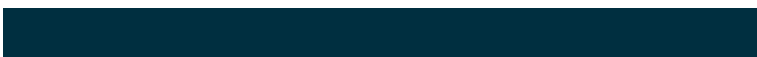
66, 55.308, 286.547



51, 4.103, 226.855



55, 37.160, 247.749



18, 16.568, 241.269

Previews

White Background



This preview shows how the CIELCh color 74, 47.356, 44.880 looks on a white background.

Color Contrast Check

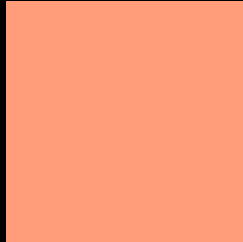
Large Text (above 18pt) WCAG AA × Fail

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, 47.356, 44.880 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, 47.356, 44.880

Background



This preview shows how black text looks on a background with the CIELCh color 74, 47.356, 44.880.



This preview shows how white text looks on a background with the CIELCh color 74, 47.356, 44.880.

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, 40.809, 16.036

Trichromacy



Original Color
74, 47.356, 44.880



Protanomaly
74, 30.474, 70.352



Deuteranomaly
74, 38.497, 62.101

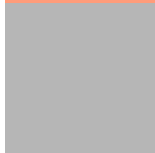


Tritanomaly
74, 41.805, 27.593

Monochromacy



Original Color
74, 47.356, 44.880



Achromatopsia
74, 0.009, 296.813



Achromatomaly
74, 16.037, 46.207

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 47.356, 44.880 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 47.356, 44.880 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, 122) }
```

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

```
.border{ border-color:rgb(255, 156, 122) }
```

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, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 47.356, 44.880 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, 122) }
```

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

```
.background{ background-color: rgb(255,  
156, 122) }
```

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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