

Converting Colors

CIELCh(76, 43.812, 46.669)

Have a look what the booklet for
CIELCh(76, 43.812, 46.669) contains.

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Color

CIELCh(76, 43.495, 47.143)

Conversions

Conversions Part 1

Format	Color
Hex	FFA582
RGB	255, 165, 130
RGB Percent	100%, 65%, 51%
CMY	0.0000, 0.3522, 0.4895
CMYK	0.00, 0.35, 0.49, 0.00
HSL	17°, 100%, 76%
HSV	17°, 49%, 100%
XYZ	58.8400, 49.8872, 27.7061
YIQ	187.9200, 64.8750, 8.1950

Conversions

Conversions Part 2

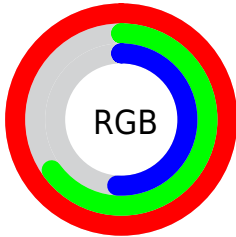
Format	Color
R _Y B	255, 179, 130
Decimal	16754050
CIE Lab	76.00, 29.58, 31.88
CIE LCh	76, 43.495, 47.143
Yxy	49.8872, 0.4313, 0.3657
Android (android.graphics.Color)	4294944130 (0xFFFFA582)
YUV	187.9200, -28.5546, 58.8292
Hunter-Lab	70.6309, 25.0976, 26.1842

Details

The CIELCh color **76, 43.495, 47.143** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **84, 30.985, 234.983**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 23.854, 74.728**, and **56, 43.589, 46.959** is the 20% darker color. If you saturate the color by 10%, you get **72, 54.303, 47.158**, and if you desaturate by 10%, it is **81, 33.199, 47.365**.

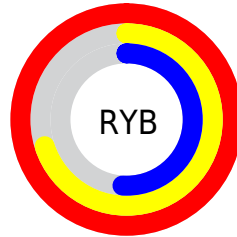
Distribution



Red (100%)

Green (65%)

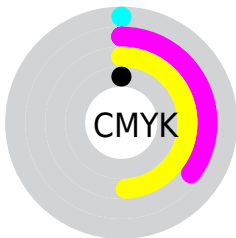
Blue (51%)



Red (100%)

Yellow (70%)

Blue (51%)

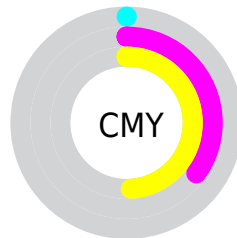


Cyan (0%)

Magenta (35%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 43.495, 47.143 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 76, 43.495, 47.143 by changing the saturation by 10% instead.

 76, 43.495, 47.143

 76, 43.495, 47.143

 100, 43.495,
47.143

 66, 43.495, 47.143

 96, 43.495, 47.143

 56, 43.495, 47.143

 46, 43.495, 47.143

 36, 43.495, 47.143

 26, 43.495, 47.143

 16, 43.495, 47.143

 6, 43.495, 47.143

 0, 43.495, 47.143

 76, 43.495, 47.143

 76, 43.495, 47.143

72, 54.303, 47.158

81, 33.199, 47.365

68, 65.683, 47.245

85, 23.700, 47.672

64, 77.113, 47.330

90, 14.906, 48.082

61, 87.582, 47.086

95, 6.770, 48.545

58, 95.478, 46.005

100, 0.012,
296.813

58, 96.226, 45.908

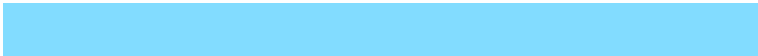
Harmonies

Complementary

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



76, 43.495, 47.143



84, 30.985, 234.983

Rectangle

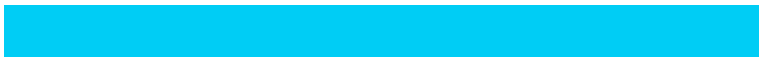
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 43.495, 47.143



76, 43.495, 97.143



76, 43.495, 227.143



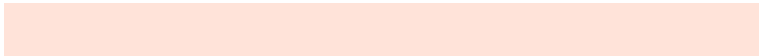
76, 43.495, 277.143

Sweetspot

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



76, 43.416, 47.190



92, 11.614, 48.264



71, 63.767, 336.625



48, 7.990, 48.166



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 43.416, 47.190



72, 54.355, 47.159



90, 50.176, 92.232



50, 4.308, 48.520



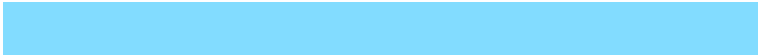
44, 77.009, 46.448



13, 28.819, 42.379

Inverse Universe

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



84, 30.985, 234.983



81, 35.637, 237.309



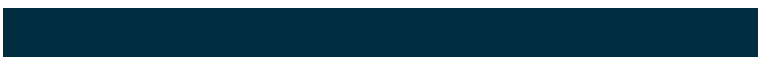
67, 53.000, 286.775



51, 4.083, 229.874



54, 38.339, 252.519



17, 16.904, 245.697

Previews

White Background



This preview shows how the CIELCh color 76, 43.495, 47.143 looks on a white background.

Color Contrast Check

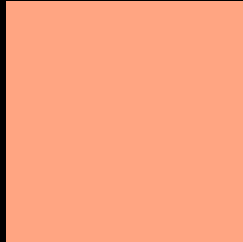
Large Text (above 18pt) WCAG AA × Fail

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 76, 43.495, 47.143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

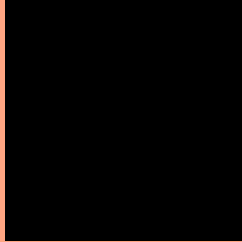
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 43.495, 47.143

Background



This preview shows how black text looks on a background with the CIELCh color 76, 43.495, 47.143.



This preview shows how white text looks on a background with the CIELCh color 76, 43.495, 47.143.

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

76, 43.495, 47.143

Protanopia

76, 25.738, 94.946

Deuteranopia

76, 34.515, 74.011



Tritanopia
76, 37.286, 14.043

Trichromacy



Original Color
76, 43.495, 47.143

Protanomaly
76, 29.264, 71.211

Deuteranomaly
76, 36.757, 63.040

Tritanomaly
76, 37.627, 27.524

Monochromacy



Original Color
76, 43.495, 47.143

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 14.454, 48.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 43.495, 47.143 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, 165, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 130)  
}
```

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, 165, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 43.495, 47.143 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, 165, 130) }
```

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

```
.border{ border-color:rgb(255, 165, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 43.495, 47.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 130) }
```

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

```
.background{ background-color: rgb(255,  
165, 130) }
```

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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