

Converting Colors

CIELCh(73, 48.212, 40.373)

Have a look what the booklet for
CIELCh(73, 48.212, 40.373) contains.

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Color

CIELCh(73, 47.730, 40.482)

Conversions

Conversions Part 1

Format	Color
Hex	FF987D
RGB	255, 152, 125
RGB Percent	100%, 60%, 49%
CMY	0.0000, 0.4056, 0.5116
CMYK	0.00, 0.41, 0.51, 0.00
HSL	12°, 100%, 74%
HSV	12°, 51%, 100%
XYZ	56.3044, 45.1644, 24.9959
YIQ	179.7190, 70.0550, 13.4390

Conversions

Conversions Part 2

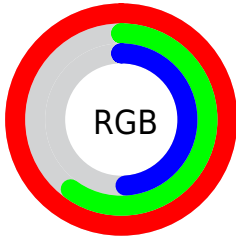
Format	Color
R _Y B	255, 159, 125
Decimal	16750717
CIE Lab	73.00, 36.30, 30.99
CIE LCh	73, 47.730, 40.482
Yxy	45.1644, 0.4452, 0.3571
Android (android.graphics.Color)	4294940797 (0xFFFF987D)
YUV	179.7190, -26.9765, 66.0214
Hunter-Lab	67.2044, 31.9409, 24.9909

Details

The CIELCh color **73, 47.730, 40.482** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **86, 32.081, 224.234**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 24.469, 58.231**, and **53, 47.040, 40.149** is the 20% darker color. If you saturate the color by 10%, you get **68, 58.923, 41.200**, and if you desaturate by 10%, it is **78, 36.669, 40.162**.

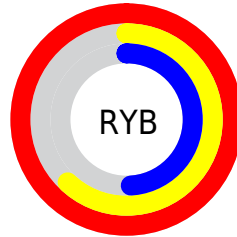
Distribution



Red (100%)

Green (60%)

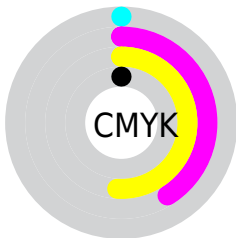
Blue (49%)



Red (100%)

Yellow (62%)

Blue (49%)

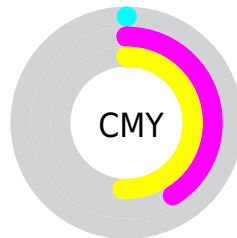


Cyan (0%)

Magenta (41%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 47.730, 40.482 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 73, 47.730, 40.482 by changing the saturation by 10% instead.

73, 47.730, 40.482

73, 47.730, 40.482

100, 47.730,
40.482

63, 47.730, 40.482

93, 47.730, 40.482

53, 47.730, 40.482

43, 47.730, 40.482

33, 47.730, 40.482

23, 47.730, 40.482

13, 47.730, 40.482

3, 47.730, 40.482

0, 47.730, 40.482

73, 47.730, 40.482

73, 47.730, 40.482

68, 58.923, 41.200

78, 36.669, 40.162

64, 70.801, 42.042

83, 26.621, 39.962

61, 82.546, 42.945

88, 17.332, 39.927

58, 92.913, 43.473

94, 8.769, 40.003

56, 99.585, 43.246

99, 0.875, 39.548

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.



73, 47.730, 40.482



86, 32.081, 224.234

Rectangle

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



73, 47.730, 40.482



73, 47.730, 90.482



73, 47.730, 220.482



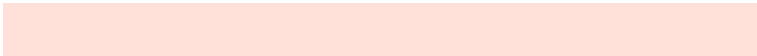
73, 47.730, 270.482

Sweetspot

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



73, 47.466, 40.566



92, 11.972, 39.966



70, 69.315, 333.987



48, 8.240, 39.949



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 47.466, 40.566



68, 58.732, 41.188



88, 49.808, 86.952



50, 4.435, 40.018



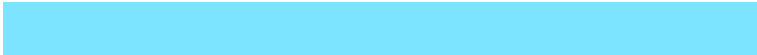
42, 79.749, 43.668



12, 29.874, 37.589

Inverse Universe

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



86, 32.081, 224.234



83, 36.140, 225.927



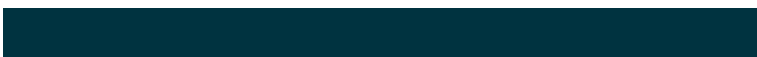
68, 50.796, 283.117



52, 4.180, 220.717



58, 35.537, 237.245



19, 16.174, 231.793

Previews

White Background



This preview shows how the CIELCh color 73, 47.730, 40.482 looks on a white background.

Color Contrast Check

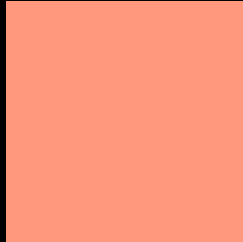
Large Text (above 18pt) WCAG AA × Fail

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 73, 47.730, 40.482 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 73, 47.730, 40.482

Background



This preview shows how black text looks on a background with the CIELCh color 73, 47.730, 40.482.

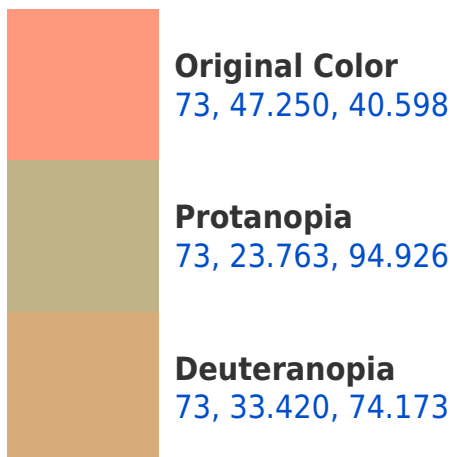


This preview shows how white text looks on a background with the CIELCh color 73, 47.730, 40.482.

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
73, 42.992, 16.036

Trichromacy



Original Color
73, 47.250, 40.598

Protanomaly
73, 28.189, 64.952

Deuteranomaly
73, 37.007, 59.101

Tritanomaly
73, 43.728, 25.684

Monochromacy



Original Color
73, 47.250, 40.598

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 16.142, 40.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 47.730, 40.482 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, 152, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 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, 152, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 47.730, 40.482 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, 152, 125) }
```

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

```
.border{ border-color:rgb(255, 152, 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, 152, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 47.730, 40.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 125) }
```

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

```
.background{ background-color: rgb(255,  
152, 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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