

Converting Colors

CIELCh(73, 48.809, 46.823)

Have a look what the booklet for
CIELCh(73, 48.809, 46.823) contains.

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Color

CIELCh(73, 48.746, 46.872)

Conversions

Conversions Part 1

Format	Color
Hex	FD9A74
RGB	253, 154, 116
RGB Percent	99%, 60%, 45%
CMY	0.0086, 0.3967, 0.5457
CMYK	0.00, 0.39, 0.54, 0.01
HSL	17°, 97%, 72%
HSV	17°, 54%, 99%
XYZ	55.1143, 45.1644, 22.2896
YIQ	179.2690, 71.2020, 9.1700

Conversions

Conversions Part 2

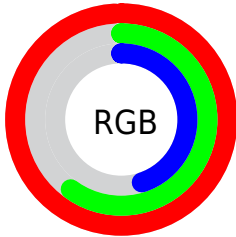
Format	Color
R _Y B	253, 169, 116
Decimal	16620148
CIE Lab	73.00, 33.32, 35.58
CIE LCh	73, 48.746, 46.872
Yxy	45.1644, 0.4497, 0.3685
Android (android.graphics.Color)	4294810228 (0xFFFD9A74)
YUV	179.2690, -31.1916, 64.6621
Hunter-Lab	67.2044, 28.7800, 27.3785

Details

The CIELCh color **73, 48.746, 46.872** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **81, 33.236, 235.641**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 28.072, 67.523**, and **53, 48.490, 47.151** is the 20% darker color. If you saturate the color by 10%, you get **69, 59.863, 46.939**, and if you desaturate by 10%, it is **77, 38.223, 46.954**.

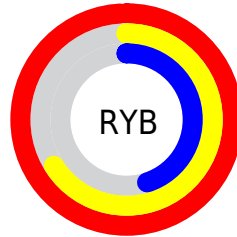
Distribution



Red (99%)

Green (60%)

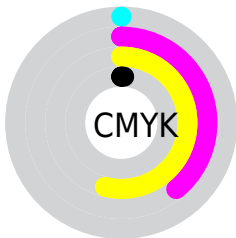
Blue (45%)



Red (99%)

Yellow (66%)

Blue (45%)

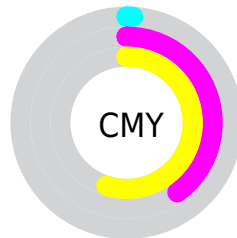


Cyan (0%)

Magenta (39%)

Yellow (54%)

Black (1%)



Cyan (1%)

Magenta (40%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 48.746, 46.872 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, 48.746, 46.872 by changing the saturation by 10% instead.

73, 48.746, 46.872

73, 48.746, 46.872

100, 48.746,
46.872

63, 48.746, 46.872

93, 48.746, 46.872

53, 48.746, 46.872

43, 48.746, 46.872

33, 48.746, 46.872

23, 48.746, 46.872

13, 48.746, 46.872

3, 48.746, 46.872

0, 48.746, 46.872

73, 48.746, 46.872

73, 48.746, 46.872

69, 59.863, 46.939

77, 38.223, 46.954

65, 71.292, 47.080

82, 28.402, 47.174

62, 82.347, 47.090

87, 19.296, 47.517

59, 91.591, 46.475

92, 10.873, 47.946

57, 95.735, 45.791

97, 3.079, 48.333

100, 0.759,
200.230

Harmonies

Complementary

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



73, 48.746, 46.872



81, 33.236, 235.641

Rectangle

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



73, 48.746, 46.872



73, 48.746, 96.872



73, 48.746, 226.872



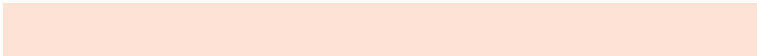
73, 48.746, 276.872

Sweetspot

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



73, 48.744, 46.876



92, 12.448, 47.863



68, 69.188, 337.089



48, 8.473, 47.772



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, 48.744, 46.876



69, 61.230, 46.950



89, 54.978, 91.544



50, 4.311, 48.156



44, 77.131, 46.313



13, 28.861, 42.159

Inverse Universe

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



81, 33.236, 235.641



79, 38.016, 238.468



63, 58.730, 288.093



51, 4.085, 229.484



54, 38.173, 251.918



17, 16.855, 245.134

Previews

White Background



This preview shows how the CIELCh color 73, 48.746, 46.872 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, 48.746, 46.872 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, 48.746, 46.872

Background



This preview shows how black text looks on a background with the CIELCh color 73, 48.746, 46.872.



This preview shows how white text looks on a background with the CIELCh color 73, 48.746, 46.872.

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

73, 48.746, 46.872

Protanopia

73, 29.147, 94.967

Deuteranopia

73, 38.084, 76.281



Tritanopia
73, 42.586, 16.604

Trichromacy



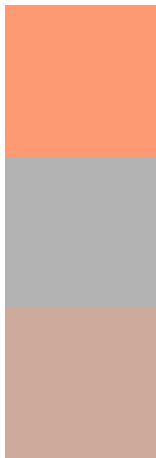
Original Color
73, 48.746, 46.872

Protanomaly
73, 32.658, 71.631

Deuteranomaly
73, 40.626, 63.443

Tritanomaly
73, 43.116, 29.004

Monochromacy



Original Color
73, 48.746, 46.872

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 16.380, 47.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 48.746, 46.872 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(253, 154, 116)` looks like.

```
.text, #text, p{  
    color:rgb(253, 154, 116)  
}
```

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(253, 154, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 154, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 48.746, 46.872 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(253, 154, 116) }
```

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

```
.border{ border-color:rgb(253, 154, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 154, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 154, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 154, 116);  
box-shadow:4px 4px 4px 4px rgb(253, 154,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 48.746, 46.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 154, 116) }
```

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

```
.background{ background-color: rgb(253,  
154, 116) }
```

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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