

Converting Colors

CIELCh(90, 93.371, 38.537)

Have a look what the booklet for
CIELCh(90, 93.371, 38.537) contains.

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Color

CIELCh(74, 47.847, 48.425)

Conversions

Conversions Part 1

Format	Color
Hex	FE9E76
RGB	254, 158, 118
RGB Percent	100%, 62%, 46%
CMY	0.0053, 0.3811, 0.5377
CMYK	0.00, 0.38, 0.54, 0.01
HSL	18°, 98%, 73%
HSV	18°, 54%, 99%
XYZ	56.2070, 46.7039, 23.1553
YIQ	182.1440, 70.0560, 7.9120

Conversions

Conversions Part 2

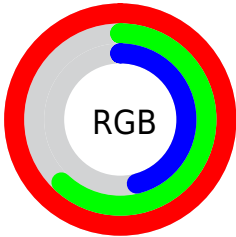
Format	Color
RYB	254, 175, 118
Decimal	16686710
CIELab	74.00, 31.75, 35.79
CIELCh	74, 47.847, 48.425
Yxy	46.7039, 0.4459, 0.3705
Android (android.graphics.Color)	4294876790 (0xFFFE9E76)
YUV	182.1440, -31.6230, 63.0177
Hunter-Lab	68.3403, 27.2132, 27.7494

Details

The CIELCh color **74, 47.847, 48.425** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **81, 33.199, 238.095**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 27.734, 71.277**, and **54, 47.963, 48.496** is the 20% darker color. If you saturate the color by 10%, you get **70, 58.856, 48.342**, and if you desaturate by 10%, it is **78, 37.432, 48.640**.

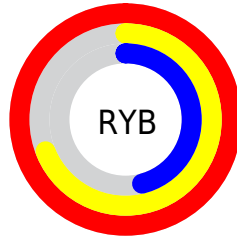
Distribution



Red (100%)

Green (62%)

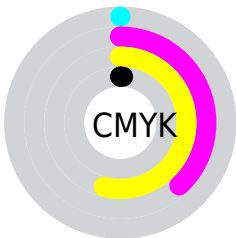
Blue (46%)



Red (100%)

Yellow (69%)

Blue (46%)

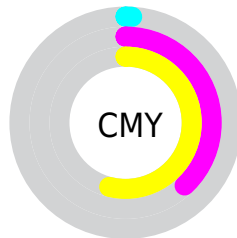


Cyan (0%)

Magenta (38%)

Yellow (54%)

Black (1%)



Cyan (1%)

Magenta (38%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 47.847, 48.425 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, 47.847, 48.425 by changing the saturation by 10% instead.

74, 47.847, 48.425

74, 47.847, 48.425

100, 47.847,
48.425

64, 47.847, 48.425

94, 47.847, 48.425

54, 47.847, 48.425

44, 47.847, 48.425

34, 47.847, 48.425

24, 47.847, 48.425

14, 47.847, 48.425

4, 47.847, 48.425

0, 47.847, 48.425

74, 47.847, 48.425

74, 47.847, 48.425

70, 58.856, 48.342

78, 37.432, 48.640

66, 70.193, 48.316

83, 27.710, 48.978

63, 81.207, 48.158

88, 18.689, 49.423

60, 90.534, 47.406

93, 10.334, 49.943

58, 95.148, 46.521

98, 2.591, 50.379

100, 0.467,
200.796

Harmonies

Complementary

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



74, 47.847, 48.425



81, 33.199, 238.095

Rectangle

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



74, 47.847, 48.425



74, 47.847, 98.425



74, 47.847, 228.425



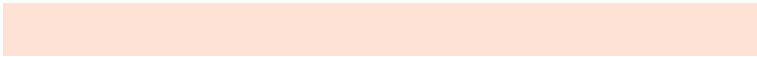
74, 47.847, 278.425

Sweetspot

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



74, 47.845, 48.429



92, 12.395, 49.810



69, 67.922, 337.796



48, 8.435, 49.701



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, 47.845, 48.429



70, 59.648, 48.340



90, 55.204, 92.796



51, 4.295, 50.156



44, 76.457, 47.072



13, 28.633, 43.385

Inverse Universe

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



81, 33.199, 238.095



79, 37.947, 240.925



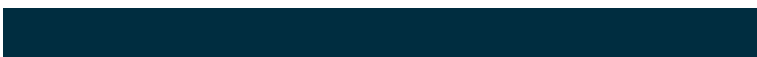
63, 59.425, 288.868



51, 4.077, 231.625



53, 39.128, 255.158



17, 17.140, 248.186

Previews

White Background



This preview shows how the CIELCh color 74, 47.847, 48.425 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, 47.847, 48.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

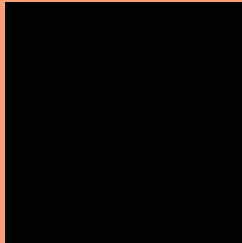
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 47.847, 48.425

Background



This preview shows how black text looks on a background with the CIELCh color 74, 47.847, 48.425.



This preview shows how white text looks on a background with the CIELCh color 74, 47.847, 48.425.

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, 40.781, 15.290

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 47.847, 48.425 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, 158, 118)` looks like.

```
.text, #text, p{  
    color:rgb(254, 158, 118)  
}
```

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, 158, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 158, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 47.847, 48.425 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, 158, 118) }
```

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

```
.border{ border-color:rgb(254, 158, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 158, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 158, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 158, 118);  
box-shadow:4px 4px 4px 4px rgb(254, 158,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 47.847, 48.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 158, 118) }
```

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

```
.background{ background-color: rgb(254,  
158, 118) }
```

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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