

Converting Colors

CIELCh(70, 47.742, 40.912)

Have a look what the booklet for
CIELCh(70, 47.742, 40.912) contains.

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Color

CIELCh(70, 47.695, 41.347)

Conversions

Conversions Part 1

Format	Color
Hex	F69074
RGB	246, 144, 116
RGB Percent	96%, 56%, 45%
CMY	0.0357, 0.4356, 0.5454
CMYK	0.00, 0.41, 0.53, 0.04
HSL	13°, 88%, 71%
HSV	13°, 53%, 96%
XYZ	51.0734, 40.7494, 21.6690
YIQ	171.3060, 69.7800, 12.9160

Conversions

Conversions Part 2

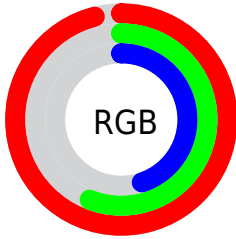
Format	Color
RYB	246, 152, 116
Decimal	16158836
CIELab	70.00, 35.81, 31.51
CIELCh	70, 47.695, 41.347
Yxy	40.7494, 0.4500, 0.3591
Android (android.graphics.Color)	4294348916 (0xFFFF69074)
YUV	171.3060, -27.2659, 65.5066
Hunter-Lab	63.8353, 31.1029, 24.5586

Details

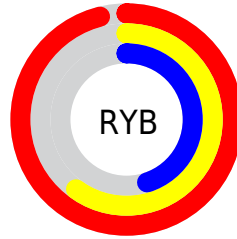
The CIELCh color **70, 47.695, 41.347** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **82, 31.851, 225.734**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 28.050, 55.677**, and **50, 47.895, 41.540** is the 20% darker color. If you saturate the color by 10%, you get **66, 58.857, 41.945**, and if you desaturate by 10%, it is **75, 37.146, 40.976**.

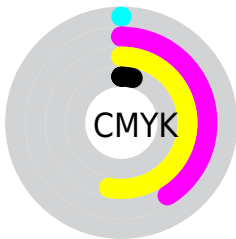
Distribution



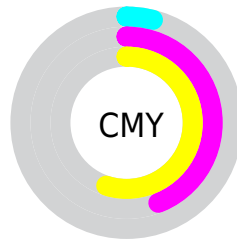
- Red (96%)
- Green (56%)
- Blue (45%)



- Red (96%)
- Yellow (60%)
- Blue (45%)



- Cyan (0%)
- Magenta (41%)
- Yellow (53%)
- Black (4%)



- Cyan (4%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 47.695, 41.347 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 70, 47.695, 41.347 by changing the saturation by 10% instead.

 70, 47.695, 41.347

 70, 47.695, 41.347

 100, 47.695,
41.347

 60, 47.695, 41.347

 90, 47.695, 41.347

 50, 47.695, 41.347

 40, 47.695, 41.347

 30, 47.695, 41.347

 20, 47.695, 41.347

 10, 47.695, 41.347

 0, 47.695, 41.347

 70, 47.695, 41.347

 70, 47.695, 41.347

 66, 58.857, 41.945

 75, 37.146, 40.976

62, 70.377, 42.722

80, 27.317, 40.801

58, 81.647, 43.502

85, 18.223, 40.792

56, 91.323, 43.800

90, 9.834, 40.899

54, 96.481, 43.546

95, 2.098, 40.901

99, 3.152, 199.416

Harmonies

Complementary

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



70, 47.695, 41.347



82, 31.851, 225.734

Rectangle

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



70, 47.695, 41.347



70, 47.695, 91.347



70, 47.695, 221.347



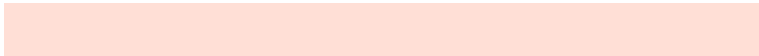
70, 47.695, 271.347

Sweetspot

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



70, 47.693, 41.351



91, 12.767, 40.856



67, 69.249, 334.105



47, 8.694, 40.832



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 47.693, 41.351



68, 60.808, 41.963



85, 49.963, 86.725



48, 4.270, 40.945



41, 77.831, 43.983



11, 27.251, 36.779

Inverse Universe

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



82, 31.851, 225.734



82, 36.832, 227.674



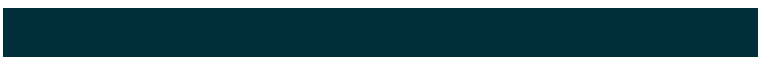
65, 51.055, 283.544



50, 4.027, 221.717



56, 35.005, 238.940



17, 15.339, 232.736

Previews

White Background



This preview shows how the CIELCh color 70, 47.695, 41.347 looks on a white background.

Color Contrast Check

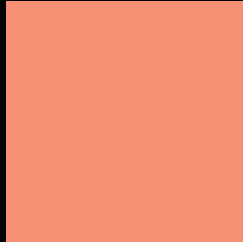
Large Text (above 18pt) WCAG AA × Fail

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 70, 47.695, 41.347 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 70, 47.695, 41.347

Background



This preview shows how black text looks on a background with the CIELCh color 70, 47.695, 41.347.

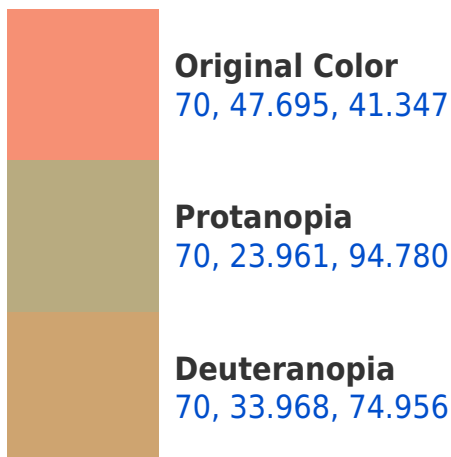


This preview shows how white text looks on a background with the CIELCh color 70, 47.695, 41.347.

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](#).

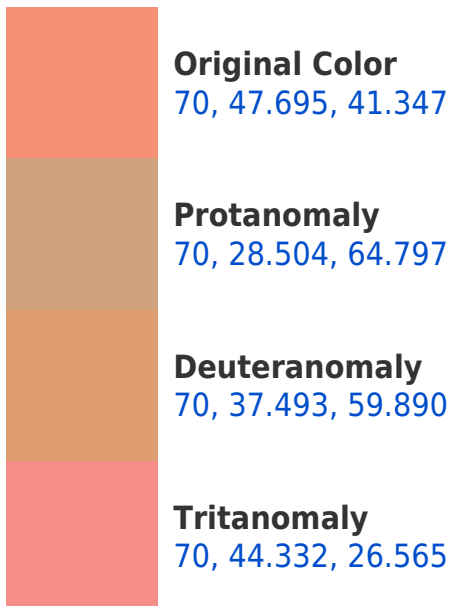
Dichromacy





Tritanopia
70, 44.276, 17.245

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 47.695, 41.347 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(246, 144, 116)` looks like.

```
.text, #text, p{  
    color:rgb(246, 144, 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(246, 144, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 144, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 47.695, 41.347 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(246, 144, 116) }
```

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

```
.border{ border-color:rgb(246, 144, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 144, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 144, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 144, 116);  
box-shadow:4px 4px 4px 4px rgb(246, 144,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 47.695, 41.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 144, 116) }
```

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

```
.background{ background-color: rgb(246,  
144, 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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