

Converting Colors

CIELCh(69, 47.921, 41.377)

Have a look what the booklet for
CIELCh(69, 47.921, 41.377) contains.

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Color

CIELCh(69, 47.921, 41.377)

Conversions

Conversions Part 1

Format	Color
Hex	F38D71
RGB	243, 141, 113
RGB Percent	95%, 55%, 44%
CMY	0.0466, 0.4467, 0.5565
CMYK	0.00, 0.42, 0.53, 0.05
HSL	13°, 85%, 70%
HSV	13°, 53%, 95%
XYZ	49.5224, 39.3444, 20.6325
YIQ	168.3060, 69.7800, 12.9160

Conversions

Conversions Part 2

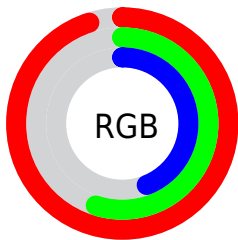
Format	Color
R _Y B	243, 149, 113
Decimal	15961457
CIE Lab	69.00, 35.96, 31.68
CIE LCh	69, 47.921, 41.377
Yxy	39.3444, 0.4523, 0.3593
Android (android.graphics.Color)	4294151537 (0xFFFF38D71)
YUV	168.3060, -27.2659, 65.5066
Hunter-Lab	62.7251, 31.1595, 24.4050

Details

The CIELCh color **69, 47.921, 41.377** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **81, 31.827, 225.834**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 29.179, 54.302**, and **49, 47.884, 41.069** is the 20% darker color. If you saturate the color by 10%, you get **65, 59.010, 41.987**, and if you desaturate by 10%, it is **74, 37.430, 40.993**.

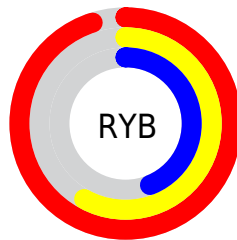
Distribution



Red (95%)

Green (55%)

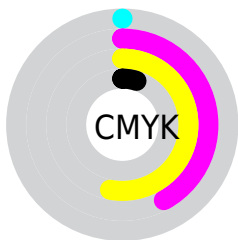
Blue (44%)



Red (95%)

Yellow (58%)

Blue (44%)

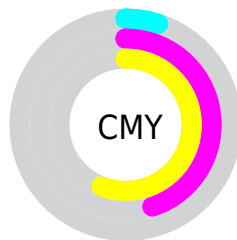


Cyan (0%)

Magenta (42%)

Yellow (53%)

Black (5%)



Cyan (5%)

Magenta (45%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 47.921, 41.377 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 69, 47.921, 41.377 by changing the saturation by 10% instead.

 69, 47.921, 41.377

 69, 47.921, 41.377

 100, 47.921,
41.377

 59, 47.921, 41.377

 89, 47.921, 41.377

 49, 47.921, 41.377

 99, 47.921, 41.377

 39, 47.921, 41.377

 29, 47.921, 41.377

 19, 47.921, 41.377

 9, 47.921, 41.377

 0, 47.921, 41.377

 69, 47.921, 41.377

 69, 47.921, 41.377

 65, 59.010, 41.987

 74, 37.430, 40.993

61, 70.431, 42.770

78, 27.647, 40.808

58, 81.552, 43.540

84, 18.593, 40.790

55, 90.989, 43.786

89, 10.240, 40.891

54, 95.632, 43.562

94, 2.537, 40.939

99, 4.105, 199.306

Harmonies

Complementary

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



69, 47.921, 41.377



81, 31.827, 225.834

Rectangle

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



69, 47.921, 41.377



69, 47.921, 91.377



69, 47.921, 221.377



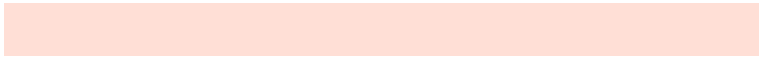
69, 47.921, 271.377

Sweetspot

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



69, 47.919, 41.381



91, 12.767, 40.858



66, 69.307, 334.149



47, 8.694, 40.833



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 47.919, 41.381



67, 61.985, 42.036



84, 50.083, 86.641



48, 4.270, 40.947



41, 77.831, 43.983



11, 27.251, 36.780

Inverse Universe

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



81, 31.827, 225.834



82, 37.182, 227.894



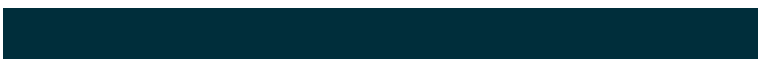
64, 51.216, 283.704



50, 4.027, 221.719



56, 35.005, 238.943



17, 15.340, 232.738

Previews

White Background



This preview shows how the CIELCh color 69, 47.921, 41.377 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 69, 47.921, 41.377 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 69, 47.921, 41.377

Background



This preview shows how black text looks on a background with the CIELCh color 69, 47.921, 41.377.

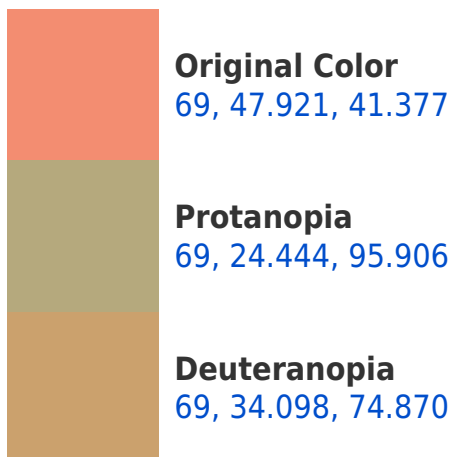


This preview shows how white text looks on a background with the CIELCh color 69, 47.921, 41.377.

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
69, 44.435, 18.003

Trichromacy



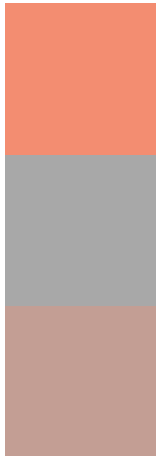
Original Color
69, 47.921, 41.377

Protanomaly
69, 28.702, 66.000

Deuteranomaly
69, 37.664, 59.832

Tritanomaly
69, 44.931, 26.664

Monochromacy



Original Color
69, 47.921, 41.377

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 15.999, 40.506

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 47.921, 41.377 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(243, 141, 113)` looks like.

```
.text, #text, p{  
    color:rgb(243, 141, 113)  
}
```

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(243, 141, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 141, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 47.921, 41.377 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(243, 141, 113) }
```

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

```
.border{ border-color:rgb(243, 141, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 141, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 141, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 141, 113);  
box-shadow:4px 4px 4px 4px rgb(243, 141,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 47.921, 41.377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 141, 113) }
```

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

```
.background{ background-color: rgb(243,  
141, 113) }
```

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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