

Converting Colors

CIELCh(68, 47.070, 38.030)

Have a look what the booklet for
CIELCh(68, 47.070, 38.030) contains.

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Color

CIELCh(68, 47.199, 38.551)

Conversions

Conversions Part 1

Format	Color
Hex	F18A73
RGB	241, 138, 115
RGB Percent	95%, 54%, 45%
CMY	0.0562, 0.4599, 0.5501
CMYK	0.00, 0.43, 0.52, 0.06
HSL	11°, 81%, 70%
HSV	11°, 52%, 94%
XYZ	48.2931, 37.9720, 20.9233
YIQ	166.1750, 68.7710, 14.6830

Conversions

Conversions Part 2

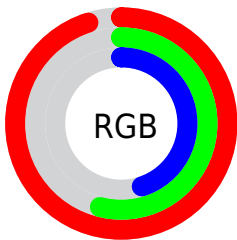
Format	Color
R _Y B	241, 143, 115
Decimal	15829619
CIE Lab	68.00, 36.91, 29.41
CIE LCh	68, 47.199, 38.551
Yxy	37.9720, 0.4505, 0.3543
Android (android.graphics.Color)	4294019699 (0xFFFF18A73)
YUV	166.1750, -25.2293, 65.6215
Hunter-Lab	61.6215, 32.0541, 23.0033

Details

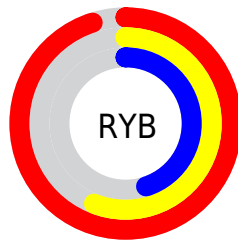
The CIELCh color **68, 47.199, 38.551** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82, 31.387, 220.677**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 28.748, 49.073**, and **48, 47.113, 38.237** is the 20% darker color. If you saturate the color by 10%, you get **64, 58.312, 39.434**, and if you desaturate by 10%, it is **73, 36.681, 37.938**.

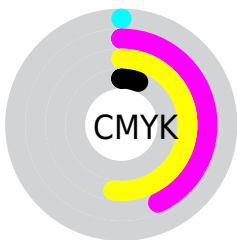
Distribution



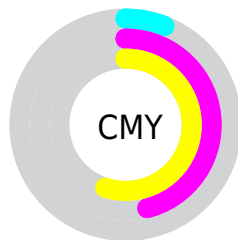
- Red (95%)
- Green (54%)
- Blue (45%)



- Red (95%)
- Yellow (56%)
- Blue (45%)



- Cyan (0%)
- Magenta (43%)
- Yellow (52%)
- Black (6%)



- Cyan (6%)
- Magenta (46%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 47.199, 38.551 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 68, 47.199, 38.551 by changing the saturation by 10% instead.

68, 47.199, 38.551

68, 47.199, 38.551

100, 47.199,
38.551

58, 47.199, 38.551

88, 47.199, 38.551

48, 47.199, 38.551

98, 47.199, 38.551

38, 47.199, 38.551

28, 47.199, 38.551

18, 47.199, 38.551

8, 47.199, 38.551

0, 47.199, 38.551

68, 47.199, 38.551

68, 47.199, 38.551

64, 58.312, 39.434

73, 36.681, 37.938

60, 69.768, 40.554

78, 26.871, 37.553

56, 80.989, 41.750

83, 17.791, 37.357

54, 90.685, 42.535

88, 9.419, 37.293

52, 96.160, 42.621

94, 1.706, 37.075

99, 4.932, 199.227

Harmonies

Complementary

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



68, 47.199, 38.551



82, 31.387, 220.677

Rectangle

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



68, 47.199, 38.551



68, 47.199, 88.551



68, 47.199, 218.551



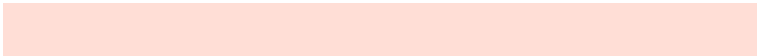
68, 47.199, 268.551

Sweetspot

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



68, 47.197, 38.555



91, 13.012, 37.306



67, 69.001, 332.748



47, 8.861, 37.318



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 47.197, 38.555



67, 61.950, 39.523



82, 47.519, 84.104



47, 4.276, 37.286



40, 78.077, 42.999



10, 26.459, 34.022

Inverse Universe

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



82, 31.387, 220.677



84, 37.057, 222.323



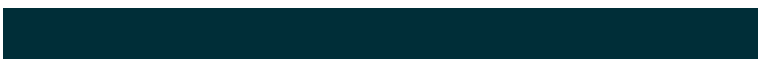
65, 47.390, 281.014



49, 4.026, 217.758



57, 34.104, 231.733



17, 14.854, 226.202

Previews

White Background



This preview shows how the CIELCh color 68, 47.199, 38.551 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 68, 47.199, 38.551 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 68, 47.199, 38.551

Background



This preview shows how black text looks on a background with the CIELCh color 68, 47.199, 38.551.

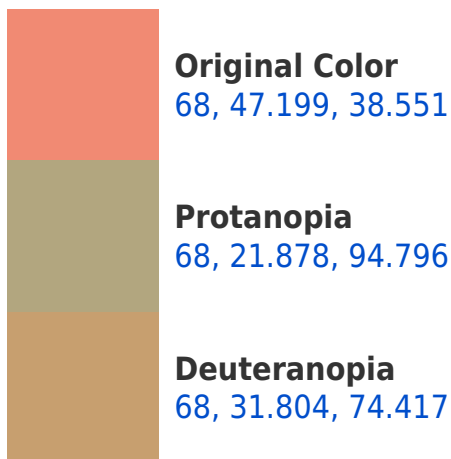


This preview shows how white text looks on a background with the CIELCh color 68, 47.199, 38.551.

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
68, 44.592, 18.105

Trichromacy



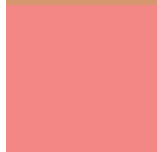
Original Color
68, 47.199, 38.551



Protanomaly
68, 26.724, 62.533



Deuteranomaly
68, 35.517, 57.434



Tritanomaly
68, 44.826, 25.426

Monochromacy



Original Color
68, 47.199, 38.551



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 15.824, 38.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 47.199, 38.551 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(241, 138, 115)` looks like.

```
.text, #text, p{  
    color:rgb(241, 138, 115)  
}
```

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(241, 138, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 138, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 47.199, 38.551 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(241, 138, 115) }
```

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

```
.border{ border-color:rgb(241, 138, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 138, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 138, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 138, 115);  
box-shadow:4px 4px 4px 4px rgb(241, 138,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 47.199, 38.551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 138, 115) }
```

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

```
.background{ background-color: rgb(241,  
138, 115) }
```

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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