

Converting Colors

CIELCh(70, 47.504, 30.898)

Have a look what the booklet for
CIELCh(70, 47.504, 30.898) contains.

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Color

CIELCh(70, 47.677, 30.994)

Conversions

Conversions Part 1

Format	Color
Hex	FB8C81
RGB	251, 140, 129
RGB Percent	98%, 55%, 51%
CMY	0.0165, 0.4517, 0.4948
CMYK	0.00, 0.44, 0.49, 0.02
HSL	5°, 94%, 74%
HSV	5°, 49%, 98%
XYZ	53.0061, 40.7494, 25.7774
YIQ	171.9350, 69.6870, 20.1110

Conversions

Conversions Part 2

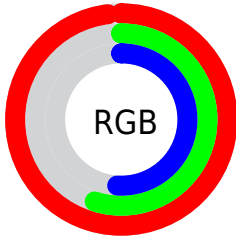
Format	Color
R _Y B	251, 141, 129
Decimal	16485505
CIE Lab	70.00, 40.87, 24.55
CIE LCh	70, 47.677, 30.994
Yxy	40.7494, 0.4434, 0.3409
Android (android.graphics.Color)	4294675585 (0xFFFB8C81)
YUV	171.9350, -21.1670, 69.3400
Hunter-Lab	63.8353, 36.5071, 20.7427

Details

The CIELCh color **70, 47.677, 30.994** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 32.685, 207.613**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 24.630, 37.023**, and **50, 47.901, 30.589** is the 20% darker color. If you saturate the color by 10%, you get **65, 59.438, 32.582**, and if you desaturate by 10%, it is **75, 36.467, 29.800**.

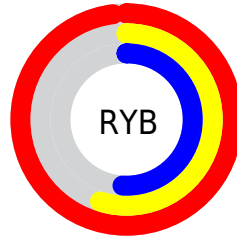
Distribution



Red (98%)

Green (55%)

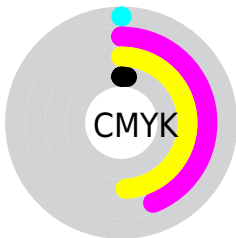
Blue (51%)



Red (98%)

Yellow (55%)

Blue (51%)

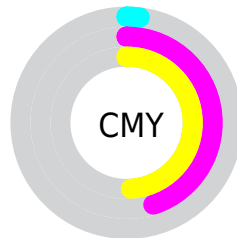


Cyan (0%)

Magenta (44%)

Yellow (49%)

Black (2%)



Cyan (2%)

Magenta (45%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 47.677, 30.994 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, 47.677, 30.994 by changing the saturation by 10% instead.

 70, 47.677, 30.994

 70, 47.677, 30.994

 100, 47.677,
30.994

 60, 47.677, 30.994

 90, 47.677, 30.994

 50, 47.677, 30.994

 40, 47.677, 30.994

 30, 47.677, 30.994

 20, 47.677, 30.994

 10, 47.677, 30.994

 0, 47.677, 30.994

 70, 47.677, 30.994

 70, 47.677, 30.994

 65, 59.438, 32.582

 75, 36.467, 29.800

61, 71.481, 34.589

81, 25.959, 28.919

57, 83.304, 36.934

87, 16.206, 28.279

55, 93.856, 39.211

93, 7.202, 27.794

53, 101.153,
40.588

99, 1.095, 208.197

53, 101.962,
40.788

100, 1.464,
199.765

Harmonies

Complementary

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



70, 47.677, 30.994



89, 32.685, 207.613

Rectangle

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



70, 47.677, 30.994



70, 47.677, 80.994



70, 47.677, 210.994



70, 47.677, 260.994

Sweetspot

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



70, 47.675, 30.998



91, 13.025, 28.092



71, 70.731, 329.567



47, 8.965, 28.198



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, 47.675, 30.998



66, 59.489, 32.478



84, 43.344, 77.299



49, 4.745, 27.833



40, 82.061, 41.006



10, 30.429, 30.745

Inverse Universe

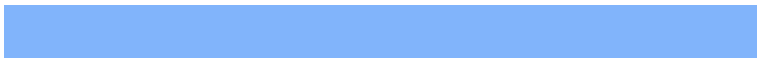
The Inverse Universe completely reimagines the original color for something new.



89, 32.685, 207.613



89, 37.313, 208.015



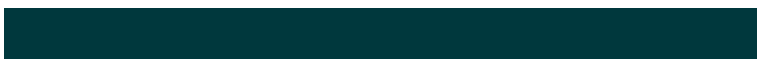
72, 40.501, 273.135



51, 4.460, 207.507



64, 35.872, 212.260



21, 16.398, 210.045

Previews

White Background



This preview shows how the CIELCh color 70, 47.677, 30.994 looks on a white background.

Color Contrast Check

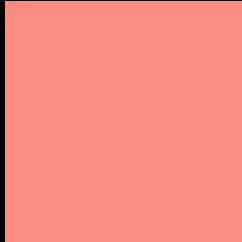
Large Text (above 18pt) WCAG AA × Fail

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, 47.677, 30.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

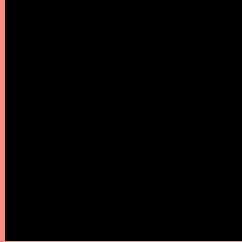
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 47.677, 30.994

Background



This preview shows how black text looks on a background with the CIELCh color 70, 47.677, 30.994.

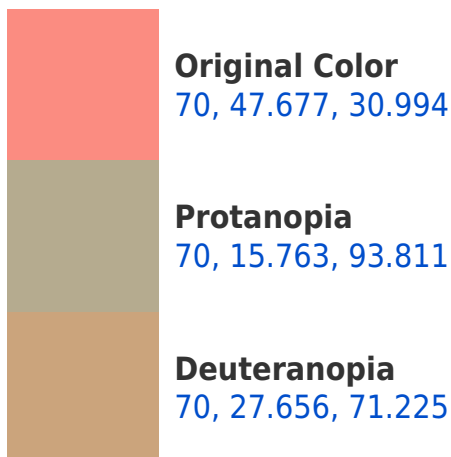


This preview shows how white text looks on a background with the CIELCh color 70, 47.677, 30.994.

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, 46.784, 17.951

Trichromacy



Original Color
70, 47.677, 30.994

Protanomaly
70, 22.796, 52.194

Deuteranomaly
70, 32.443, 50.131

Tritanomaly
70, 47.037, 23.018

Monochromacy



Original Color
70, 47.677, 30.994

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 16.525, 28.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 47.677, 30.994 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(251, 140, 129)` looks like.

```
.text, #text, p{  
    color:rgb(251, 140, 129)  
}
```

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(251, 140, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 140, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 47.677, 30.994 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(251, 140, 129) }
```

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

```
.border{ border-color:rgb(251, 140, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 140, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 140, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 140, 129);  
box-shadow:4px 4px 4px 4px rgb(251, 140,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 47.677, 30.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 140, 129) }
```

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

```
.background{ background-color: rgb(251,  
140, 129) }
```

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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