

Converting Colors

CIELCh(70, 47.757, 26.199)

Have a look what the booklet for
CIELCh(70, 47.757, 26.199) contains.

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Color

CIELCh(70, 47.694, 26.168)

Conversions

Conversions Part 1

Format	Color
Hex	FC8A87
RGB	252, 138, 135
RGB Percent	99%, 54%, 53%
CMY	0.0107, 0.4578, 0.4697
CMYK	0.00, 0.45, 0.46, 0.01
HSL	2°, 96%, 76%
HSV	2°, 46%, 99%
XYZ	53.7576, 40.7494, 28.0393
YIQ	171.7440, 68.9070, 23.2350

Conversions

Conversions Part 2

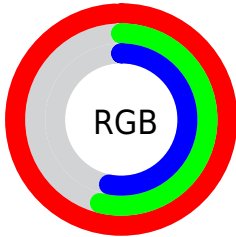
Format	Color
R _Y B	252, 138, 135
Decimal	16550535
CIE Lab	70.00, 42.81, 21.03
CIE LCh	70, 47.694, 26.168
Yxy	40.7494, 0.4387, 0.3325
Android (android.graphics.Color)	4294740615 (0xFFFC8A87)
YUV	171.7440, -18.1148, 70.3845
Hunter-Lab	63.8353, 38.6085, 18.6419

Details

The CIELCh color **70, 47.694, 26.168** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 33.746, 200.007**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 24.232, 27.416**, and **50, 47.962, 26.336** is the 20% darker color. If you saturate the color by 10%, you get **65, 59.697, 28.182**, and if you desaturate by 10%, it is **76, 36.135, 24.633**.

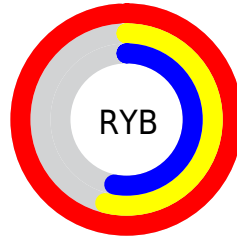
Distribution



Red (99%)

Green (54%)

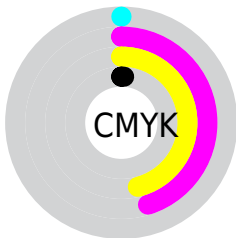
Blue (53%)



Red (99%)

Yellow (54%)

Blue (53%)

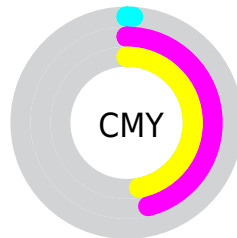


Cyan (0%)

Magenta (45%)

Yellow (46%)

Black (1%)



Cyan (1%)

Magenta (46%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 47.694, 26.168 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, 47.694, 26.168 by changing the saturation by 10% instead.

 70, 47.694, 26.168

 70, 47.694, 26.168

 100, 47.694,
26.168

 60, 47.694, 26.168

 90, 47.694, 26.168

 50, 47.694, 26.168

 40, 47.694, 26.168

 30, 47.694, 26.168

 20, 47.694, 26.168

 10, 47.694, 26.168

 0, 47.694, 26.168

 70, 47.694, 26.168

 70, 47.694, 26.168

 65, 59.697, 28.182

 76, 36.135, 24.633

■ 60, 71.832, 30.744

■ 82, 25.225, 23.465

■ 57, 83.611, 33.824

■ 88, 15.055, 22.572

■ 54, 94.163, 37.066

■ 95, 5.639, 21.836

■ 53, 101.583,
39.484

■ 100, 0.947,
200.045

■ 53, 103.417,
40.183

Harmonies

Complementary

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



70, 47.694, 26.168



92, 33.746, 200.007

Rectangle

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



70, 47.694, 26.168



70, 47.694, 76.168



70, 47.694, 206.168



70, 47.694, 256.168

Sweetspot

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



70, 47.691, 26.171



91, 12.843, 22.389



73, 71.218, 327.381



47, 8.944, 22.554



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, 47.691, 26.171



66, 59.741, 28.100



83, 40.188, 71.216



49, 5.037, 22.061



39, 83.033, 40.264



9, 31.650, 27.449

Inverse Universe

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



92, 33.746, 200.007



92, 38.852, 199.881



76, 35.611, 265.881



51, 4.739, 201.254



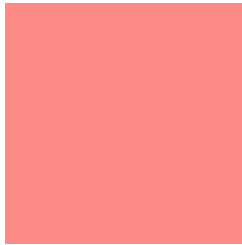
68, 38.551, 200.514



22, 17.519, 199.975

Previews

White Background



This preview shows how the CIELCh color 70, 47.694, 26.168 looks on a white background.

Color Contrast Check

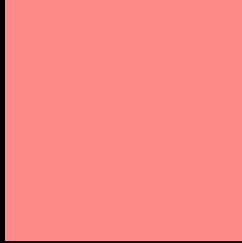
Large Text (above 18pt) WCAG AA × Fail

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, 47.694, 26.168 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, 47.694, 26.168

Background



This preview shows how black text looks on a background with the CIELCh color 70, 47.694, 26.168.

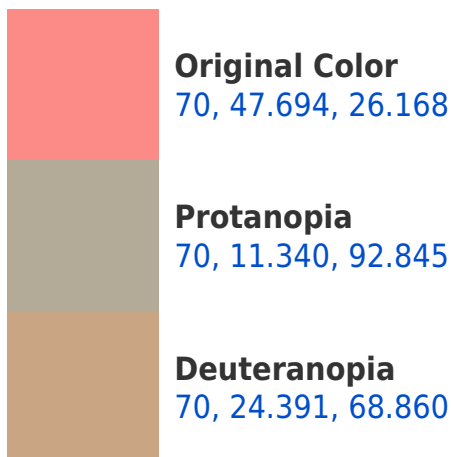


This preview shows how white text looks on a background with the CIELCh color 70, 47.694, 26.168.

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, 47.253, 18.700

Trichromacy



Original Color
70, 47.694, 26.168



Protanomaly
69, 20.851, 42.235



Deuteranomaly
70, 30.275, 44.564



Tritanomaly
70, 47.592, 21.266

Monochromacy



Original Color
70, 47.694, 26.168



Achromatopsia
70, 0.009, 296.813



Achromatomaly
70, 16.260, 22.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 47.694, 26.168 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(252, 138, 135)` looks like.

```
.text, #text, p{  
    color:rgb(252, 138, 135)  
}
```

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(252, 138, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 138, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 47.694, 26.168 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(252, 138, 135) }
```

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

```
.border{ border-color:rgb(252, 138, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 138, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 138, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 138, 135);  
box-shadow:4px 4px 4px 4px rgb(252, 138,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 47.694, 26.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 138, 135) }
```

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

```
.background{ background-color: rgb(252,  
138, 135) }
```

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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