

Converting Colors

CIELCh(70, 48.823, 27.298)

Have a look what the booklet for
CIELCh(70, 48.823, 27.298) contains.

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Color

CIELCh(70, 48.832, 27.426)

Conversions

Conversions Part 1

Format	Color
Hex	FE8A85
RGB	254, 138, 133
RGB Percent	100%, 54%, 52%
CMY	0.0055, 0.4602, 0.4798
CMYK	0.00, 0.46, 0.48, 0.01
HSL	2°, 98%, 76%
HSV	2°, 48%, 99%
XYZ	53.9677, 40.7494, 27.0859
YIQ	172.1140, 70.7410, 23.0370

Conversions

Conversions Part 2

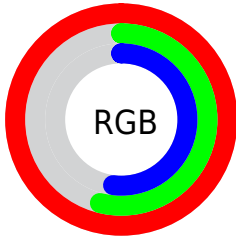
Format	Color
RYB	254, 138, 133
Decimal	16681605
CIELab	70.00, 43.34, 22.49
CIELCh	70, 48.832, 27.426
Yxy	40.7494, 0.4431, 0.3346
Android (android.graphics.Color)	4294871685 (0xFFFE8A85)
YUV	172.1140, -19.2832, 71.8140
Hunter-Lab	63.8353, 39.1960, 19.5274

Details

The CIELCh color **70, 48.832, 27.426** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 34.039, 201.718**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 24.477, 29.793**, and **50, 48.767, 27.672** is the 20% darker color. If you saturate the color by 10%, you get **65, 60.867, 29.383**, and if you desaturate by 10%, it is **76, 37.254, 25.935**.

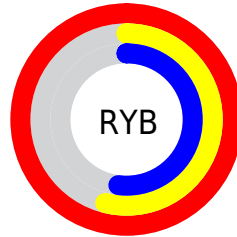
Distribution



Red (100%)

Green (54%)

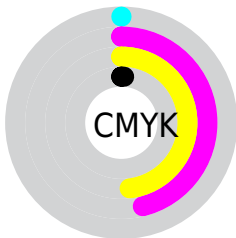
Blue (52%)



Red (100%)

Yellow (54%)

Blue (52%)

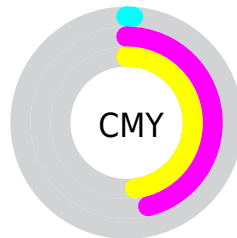


Cyan (0%)

Magenta (46%)

Yellow (48%)

Black (1%)



Cyan (1%)

Magenta (46%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 48.832, 27.426 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, 48.832, 27.426 by changing the saturation by 10% instead.

 70, 48.832, 27.426

 70, 48.832, 27.426

 100, 48.832,
27.426

 60, 48.832, 27.426

 90, 48.832, 27.426

 50, 48.832, 27.426

 40, 48.832, 27.426

 30, 48.832, 27.426

 20, 48.832, 27.426

 10, 48.832, 27.426

 0, 48.832, 27.426

 70, 48.832, 27.426

 70, 48.832, 27.426

 65, 60.867, 29.383

 76, 37.254, 25.935

■ 61, 73.047, 31.859

■ 82, 26.334, 24.806

■ 57, 84.860, 34.797

■ 88, 16.158, 23.951

■ 55, 95.330, 37.790

■ 94, 6.743, 23.268

■ 53, 102.432,
39.853

100, 0.491,
200.723

■ 53, 103.642,
40.292

Harmonies

Complementary

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



70, 48.832, 27.426



92, 34.039, 201.718

Rectangle

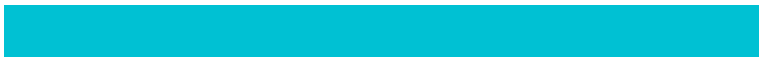
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70, 48.832, 27.426



70, 48.832, 77.426



70, 48.832, 207.426



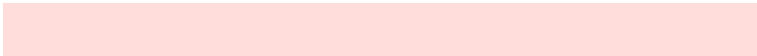
70, 48.832, 257.426

Sweetspot

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



70, 48.829, 27.429



91, 12.655, 23.687



73, 72.507, 327.940



47, 8.814, 23.839



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, 48.829, 27.429



66, 60.303, 29.236



83, 41.854, 72.676



50, 5.046, 23.388



40, 83.663, 40.416



10, 32.537, 29.191

Inverse Universe

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



92, 34.039, 201.718



91, 38.663, 201.716



75, 37.514, 267.999



52, 4.745, 202.687



68, 38.166, 203.159



23, 17.669, 202.300

Previews

White Background



This preview shows how the CIELCh color 70, 48.832, 27.426 looks on a white background.

Color Contrast Check

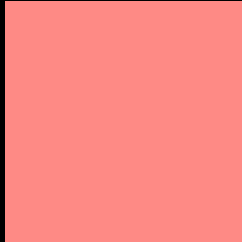
Large Text (above 18pt) WCAG AA × Fail

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, 48.832, 27.426 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, 48.832, 27.426

Background



This preview shows how black text looks on a background with the CIELCh color 70, 48.832, 27.426.

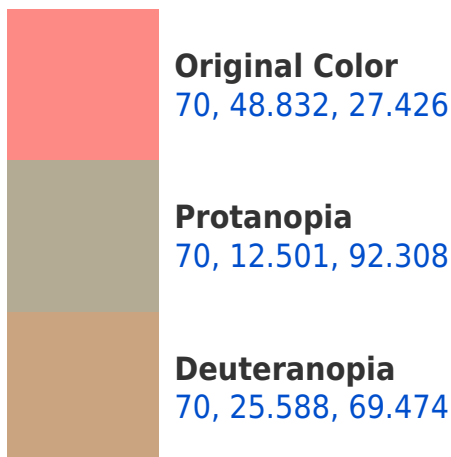


This preview shows how white text looks on a background with the CIELCh color 70, 48.832, 27.426.

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, 48.512, 19.020

Trichromacy



Original Color
70, 48.832, 27.426



Protanomaly
70, 21.763, 44.366



Deuteranomaly
70, 31.700, 45.636



Tritanomaly
70, 48.102, 21.966

Monochromacy



Original Color
70, 48.832, 27.426



Achromatopsia
70, 0.009, 296.813



Achromatomaly
70, 16.737, 24.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 48.832, 27.426 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(254, 138, 133)` looks like.

```
.text, #text, p{  
    color:rgb(254, 138, 133)  
}
```

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(254, 138, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 138, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 48.832, 27.426 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(254, 138, 133) }
```

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

```
.border{ border-color:rgb(254, 138, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 138, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 138, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 138, 133);  
box-shadow:4px 4px 4px 4px rgb(254, 138,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 48.832, 27.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 138, 133) }
```

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

```
.background{ background-color: rgb(254,  
138, 133) }
```

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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