

Converting Colors

CIELCh(70, 53.595, 27.403)

Have a look what the booklet for
CIELCh(70, 53.595, 27.403) contains.

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Color

CIELCh(69, 51.490, 27.113)

Conversions

Conversions Part 1

Format	Color
Hex	FE8480
RGB	254, 132, 128
RGB Percent	100%, 52%, 50%
CMY	0.0024, 0.4805, 0.4961
CMYK	0.00, 0.48, 0.49, 0.00
HSL	2°, 99%, 75%
HSV	2°, 49%, 100%
XYZ	53.2583, 39.3444, 25.3798
YIQ	168.0220, 73.9960, 24.6200

Conversions

Conversions Part 2

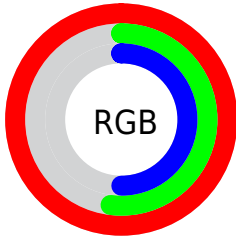
Format	Color
RYB	254, 132, 128
Decimal	16680064
CIELab	69.00, 45.83, 23.47
CIElCh	69, 51.490, 27.113
Yxy	39.3444, 0.4514, 0.3335
Android (android.graphics.Color)	4294870144 (0xFFFE8480)
YUV	168.0220, -19.7308, 75.4027
Hunter-Lab	62.7251, 41.7909, 19.9176

Details

The CIELCh color **69, 51.490, 27.113** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 35.407, 200.608**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 26.917, 28.178**, and **49, 51.438, 27.166** is the 20% darker color. If you saturate the color by 10%, you get **64, 63.639, 29.244**, and if you desaturate by 10%, it is **75, 39.721, 25.480**.

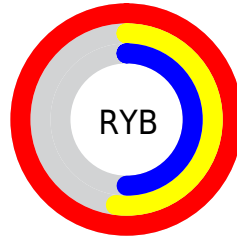
Distribution



Red (100%)

Green (52%)

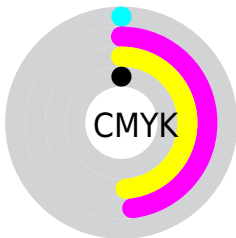
Blue (50%)



Red (100%)

Yellow (52%)

Blue (50%)

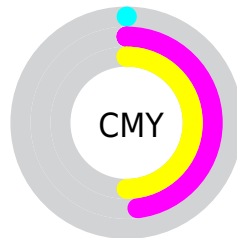


Cyan (0%)

Magenta (48%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 51.490, 27.113 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, 51.490, 27.113 by changing the saturation by 10% instead.

69, 51.490, 27.113

69, 51.490, 27.113

100, 51.490,
27.113

59, 51.490, 27.113

89, 51.490, 27.113

49, 51.490, 27.113

99, 51.490, 27.113

39, 51.490, 27.113

29, 51.490, 27.113

19, 51.490, 27.113

9, 51.490, 27.113

0, 51.490, 27.113

69, 51.490, 27.113

69, 51.490, 27.113

64, 63.639, 29.244

75, 39.721, 25.480

■ 60, 75.817, 31.920

■ 81, 28.567, 24.239

■ 57, 87.454, 35.038

■ 87, 18.143, 23.296

■ 54, 97.425, 38.084

■ 93, 8.482, 22.555

■ 53, 103.743,
40.116

100, 0.212,
202.513

■ 53, 104.007,
40.222

Harmonies

Complementary

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



69, 51.490, 27.113



92, 35.407, 200.608

Rectangle

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



69, 51.490, 27.113



69, 51.490, 77.113



69, 51.490, 207.113



69, 51.490, 257.113

Sweetspot

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



69, 51.487, 27.116



90, 13.740, 22.946



72, 75.972, 327.527



47, 9.454, 23.106



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, 51.487, 27.116



64, 63.165, 29.130



82, 43.435, 70.800



50, 5.093, 22.556



40, 83.794, 40.318



10, 32.724, 28.718

Inverse Universe

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



92, 35.407, 200.608



91, 39.906, 200.556



75, 38.165, 266.747



52, 4.790, 201.787



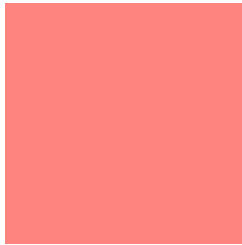
68, 38.640, 201.497



23, 17.865, 200.856

Previews

White Background



This preview shows how the CIELCh color 69, 51.490, 27.113 looks on a white background.

Color Contrast Check

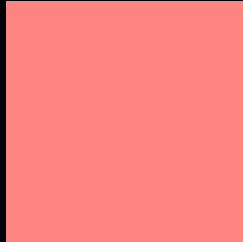
Large Text (above 18pt) WCAG AA × Fail

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, 51.490, 27.113 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, 51.490, 27.113

Background



This preview shows how black text looks on a background with the CIELCh color 69, 51.490, 27.113.

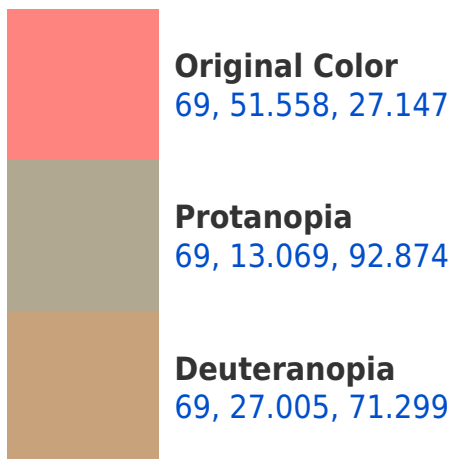


This preview shows how white text looks on a background with the CIELCh color 69, 51.490, 27.113.

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, 50.801, 19.667

Trichromacy



Original Color
69, 51.558, 27.147

Protanomaly
68, 22.678, 43.557

Deuteranomaly
69, 33.250, 46.603

Tritanomaly
69, 50.847, 22.536

Monochromacy



Original Color
69, 51.558, 27.147

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 17.597, 22.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 51.490, 27.113 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, 132, 128)` looks like.

```
.text, #text, p{  
    color:rgb(254, 132, 128)  
}
```

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, 132, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 132, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 51.490, 27.113 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, 132, 128) }
```

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

```
.border{ border-color:rgb(254, 132, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 132, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 132, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 132, 128);  
box-shadow:4px 4px 4px 4px rgb(254, 132,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 51.490, 27.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 132, 128) }
```

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

```
.background{ background-color: rgb(254,  
132, 128) }
```

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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