

Converting Colors

CIELCh(71, 46.978, 28.164)

Have a look what the booklet for
CIELCh(71, 46.978, 28.164) contains.

CIELCh(71, 47.075, 27.882)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(71, 47.075, 27.882)

Conversions

Conversions Part 1

Format	Color
Hex	FE8E88
RGB	254, 142, 136
RGB Percent	100%, 56%, 53%
CMY	0.0040, 0.4432, 0.4667
CMYK	0.00, 0.44, 0.46, 0.00
HSL	3°, 98%, 76%
HSV	3°, 46%, 100%
XYZ	54.9817, 42.1875, 28.5332
YIQ	174.8040, 68.6780, 21.8780

Conversions

Conversions Part 2

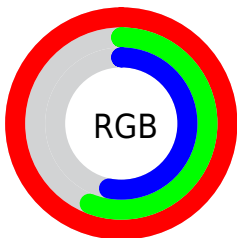
Format	Color
R _Y B	254, 142, 136
Decimal	16682632
CIE Lab	71.00, 41.61, 22.01
CIE LCh	71, 47.075, 27.882
Yxy	42.1875, 0.4374, 0.3356
Android (android.graphics.Color)	4294872712 (0xFFFE8E88)
YUV	174.8040, -19.1304, 69.4549
Hunter-Lab	64.9519, 37.4341, 19.4204

Details

The CIELCh color **71, 47.075, 27.882** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 33.106, 202.828**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 22.931, 31.506**, and **51, 47.342, 27.946** is the 20% darker color. If you saturate the color by 10%, you get **66, 59.041, 29.701**, and if you desaturate by 10%, it is **77, 35.621, 26.503**.

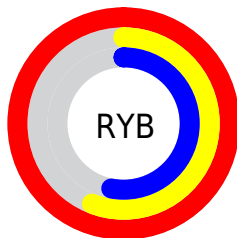
Distribution



Red (100%)

Green (56%)

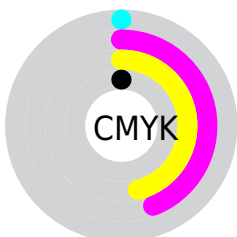
Blue (53%)



Red (100%)

Yellow (56%)

Blue (53%)

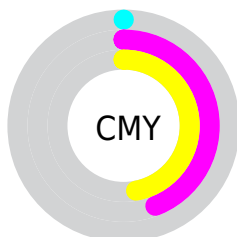


Cyan (0%)

Magenta (44%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (44%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 47.075, 27.882 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 71, 47.075, 27.882 by changing the saturation by 10% instead.

71, 47.075, 27.882

71, 47.075, 27.882

100, 47.075,
27.882

61, 47.075, 27.882

91, 47.075, 27.882

51, 47.075, 27.882

41, 47.075, 27.882

31, 47.075, 27.882

21, 47.075, 27.882

11, 47.075, 27.882

1, 47.075, 27.882

0, 47.075, 27.882

71, 47.075, 27.882

71, 47.075, 27.882

■ 66, 59.041, 29.701

■ 77, 35.621, 26.503

■ 61, 71.237, 32.016

■ 83, 24.855, 25.463

■ 58, 83.187, 34.790

■ 89, 14.844, 24.679

■ 55, 93.999, 37.685

■ 95, 5.591, 24.039

■ 54, 101.731,
39.769

100, 0.353,
201.262

■ 53, 103.641,
40.366

Harmonies

Complementary

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



71, 47.075, 27.882



91, 33.106, 202.828

Rectangle

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



71, 47.075, 27.882



71, 47.075, 77.882



71, 47.075, 207.882



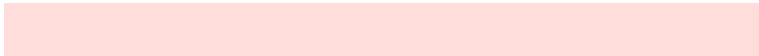
71, 47.075, 257.882

Sweetspot

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



71, 47.072, 27.886



91, 12.541, 24.515



73, 70.120, 328.389



47, 8.735, 24.659



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 47.072, 27.886



66, 58.677, 29.610



84, 41.025, 74.458



50, 5.000, 24.233



40, 83.533, 40.513



10, 32.354, 29.663

Inverse Universe

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



91, 33.106, 202.828



91, 37.855, 202.884



75, 37.404, 269.359



52, 4.701, 203.602



67, 37.722, 204.866



22, 17.482, 203.778

Previews

White Background



This preview shows how the CIELCh color 71, 47.075, 27.882 looks on a white background.

Color Contrast Check

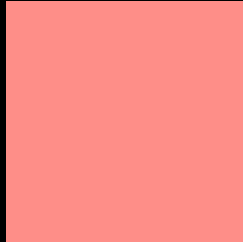
Large Text (above 18pt) WCAG AA × Fail

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 71, 47.075, 27.882 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 71, 47.075, 27.882

Background



This preview shows how black text looks on a background with the CIELCh color 71, 47.075, 27.882.

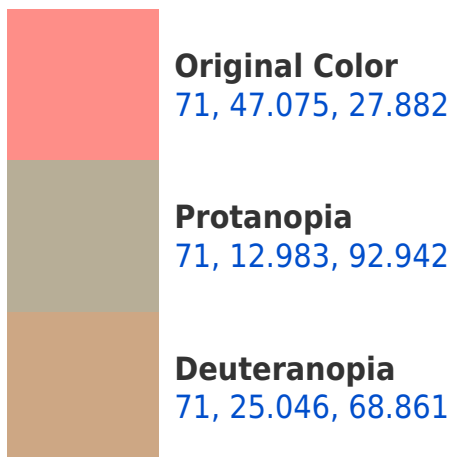


This preview shows how white text looks on a background with the CIELCh color 71, 47.075, 27.882.

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
71, 46.626, 17.847

Trichromacy



Original Color
71, 47.075, 27.882



Protanomaly
71, 21.282, 44.798



Deuteranomaly
71, 31.021, 47.064



Tritanomaly
71, 46.650, 21.636

Monochromacy



Original Color
71, 47.075, 27.882



Achromatopsia
71, 0.009, 296.813



Achromatomaly
71, 16.265, 24.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 47.075, 27.882 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, 142, 136)` looks like.

```
.text, #text, p{  
    color:rgb(254, 142, 136)  
}
```

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, 142, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 142, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 47.075, 27.882 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, 142, 136) }
```

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

```
.border{ border-color:rgb(254, 142, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 142, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 142, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 142, 136);  
box-shadow:4px 4px 4px 4px rgb(254, 142,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 47.075, 27.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 142, 136) }
```

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

```
.background{ background-color: rgb(254,  
142, 136) }
```

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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