

Converting Colors

CIELCh(99, 72.586, 49.052)

Have a look what the booklet for
CIELCh(99, 72.586, 49.052) contains.

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Color

CIELCh(87, 38.581, 80.727)

Conversions

Conversions Part 1

Format	Color
Hex	FED492
RGB	254, 212, 146
RGB Percent	100%, 83%, 57%
CMY	0.0054, 0.1698, 0.4284
CMYK	0.00, 0.17, 0.43, 0.01
HSL	37°, 98%, 78%
HSV	37°, 43%, 99%
XYZ	69.3736, 70.0064, 36.9556
YIQ	217.0340, 46.2180, -11.6220

Conversions

Conversions Part 2

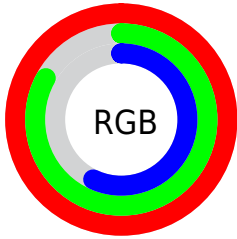
Format	Color
R _Y B	215, 254, 146
Decimal	16700562
CIE Lab	87.00, 6.22, 38.08
CIE LCh	87, 38.581, 80.727
Yxy	70.0064, 0.3934, 0.3970
Android (android.graphics.Color)	4294890642 (0xFF FED492)
YUV	217.0340, -35.0198, 32.4192
Hunter-Lab	83.6698, 1.5784, 32.3814

Details

The CIELCh color **87, 38.581, 80.727** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 37.034, 274.056**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 27.235, 108.110**, and **67, 38.807, 81.470** is the 20% darker color. If you saturate the color by 10%, you get **84, 48.153, 79.282**, and if you desaturate by 10%, it is **90, 29.127, 82.136**.

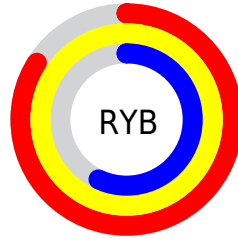
Distribution



Red (100%)

Green (83%)

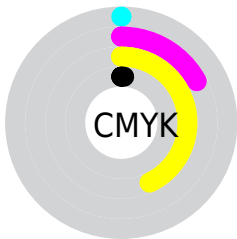
Blue (57%)



Red (84%)

Yellow (100%)

Blue (57%)

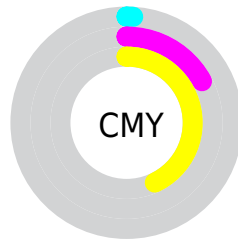


Cyan (0%)

Magenta (17%)

Yellow (43%)

Black (1%)



Cyan (1%)

Magenta (17%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 38.581, 80.727 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 87, 38.581, 80.727 by changing the saturation by 10% instead.

87, 38.581, 80.727

87, 38.581, 80.727

100, 38.581,
80.727

77, 38.581, 80.727

67, 38.581, 80.727

57, 38.581, 80.727

47, 38.581, 80.727

37, 38.581, 80.727

27, 38.581, 80.727

17, 38.581, 80.727

7, 38.581, 80.727

0, 38.581, 80.727

87, 38.581, 80.727

87, 38.581, 80.727

84, 48.153, 79.282

90, 29.127, 82.136

82, 57.636, 77.765

93, 19.886, 83.500

79, 66.625, 76.122

96, 10.894, 84.816

77, 74.403, 74.232

99, 2.156, 85.978

74, 79.943, 71.877

100, 0.480,
200.756

73, 82.420, 69.748

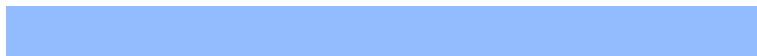
Harmonies

Complementary

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



87, 38.581, 80.727



75, 37.034, 274.056

Rectangle

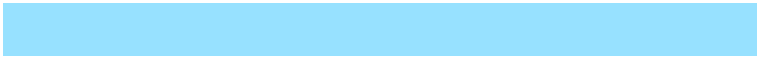
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 38.581, 80.727



87, 38.581, 130.727



87, 38.581, 260.727



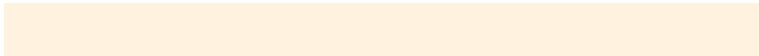
87, 38.581, 310.727

Sweetspot

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



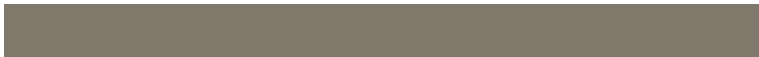
87, 38.581, 80.732



96, 11.366, 84.754



73, 45.907, 354.354



51, 7.980, 84.468



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 38.581, 80.732



85, 46.900, 79.505



97, 53.673, 110.641



52, 4.944, 85.199



56, 66.600, 70.366



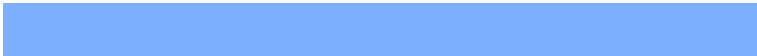
18, 27.478, 72.996

Inverse Universe

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



75, 37.034, 274.056



71, 44.774, 276.292



66, 59.952, 298.938



50, 4.911, 267.772



35, 72.012, 293.302



9, 28.911, 287.682

Previews

White Background



This preview shows how the CIELCh color 87, 38.581, 80.727 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 87, 38.581, 80.727 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 87, 38.581, 80.727

Background



This preview shows how black text looks on a background with the CIELCh color 87, 38.581, 80.727.



This preview shows how white text looks on a background with the CIELCh color 87, 38.581, 80.727.

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



Original Color

87, 38.617, 80.704

Protanopia

87, 36.894, 95.688

Deuteranopia

87, 32.063, 73.389



Tritanopia
87, 19.607, 0.806

Trichromacy



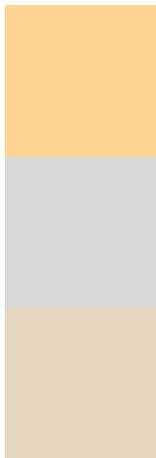
Original Color
87, 38.617, 80.704

Protanomaly
87, 37.309, 90.627

Deuteranomaly
87, 34.254, 76.998

Tritanomaly
87, 19.847, 43.614

Monochromacy



Original Color
87, 38.617, 80.704

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 13.762, 84.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 38.581, 80.727 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, 212, 146)` looks like.

```
.text, #text, p{  
    color:rgb(254, 212, 146)  
}
```

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, 212, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 212, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 38.581, 80.727 is called "border". The border property can be set on classes, ids or directly on the HTML element.

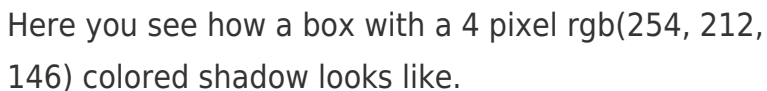
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 212, 146) }
```

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

```
.border{ border-color:rgb(254, 212, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(254, 212, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 212, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 212, 146); box-shadow:4px 4px 4px 4px rgb(254, 212, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 38.581, 80.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 212, 146) }
```

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

```
.background{ background-color: rgb(254,  
212, 146) }
```

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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