

Converting Colors

CIELCh(87, 38.288, 80.361)

Have a look what the booklet for
CIELCh(87, 38.288, 80.361) contains.

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Color

CIELCh(87, 38.617, 80.704)

Conversions

Conversions Part 1

Format	Color
Hex	FED492
RGB	254, 212, 146
RGB Percent	100%, 83%, 57%
CMY	0.0052, 0.1698, 0.4286
CMYK	0.00, 0.17, 0.43, 0.01
HSL	37°, 98%, 78%
HSV	37°, 43%, 99%
XYZ	69.3833, 70.0064, 36.9294
YIQ	217.0340, 46.2180, -11.6220

Conversions

Conversions Part 2

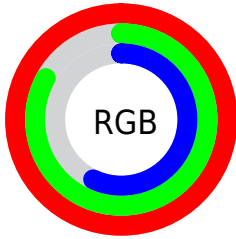
Format	Color
R _Y B	215, 254, 146
Decimal	16700562
CIE Lab	87.00, 6.24, 38.11
CIE LCh	87, 38.617, 80.704
Yxy	70.0064, 0.3935, 0.3970
Android (android.graphics.Color)	4294890642 (0xFF FED492)
YUV	217.0340, -35.0198, 32.4192
Hunter-Lab	83.6698, 1.5992, 32.4000

Details

The CIELCh color **87, 38.617, 80.704** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 37.063, 274.048**, 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, 48.191, 79.259**, and if you desaturate by 10%, it is **90, 29.162, 82.113**.

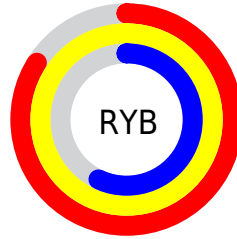
Distribution



Red (100%)

Green (83%)

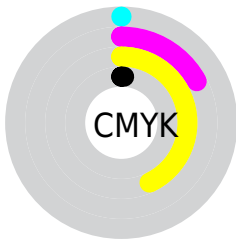
Blue (57%)



Red (84%)

Yellow (100%)

Blue (57%)

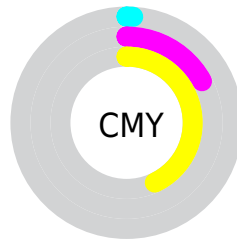


Cyan (0%)

Magenta (17%)

Yellow (43%)

Black (1%)



Cyan (1%)

Magenta (17%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 38.617, 80.704 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, 38.617, 80.704 by changing the saturation by 10% instead.

 87, 38.617, 80.704

 87, 38.617, 80.704

 100, 38.617,
80.704

 77, 38.617, 80.704

 67, 38.617, 80.704

 57, 38.617, 80.704

 47, 38.617, 80.704

 37, 38.617, 80.704

 27, 38.617, 80.704

 17, 38.617, 80.704

 7, 38.617, 80.704

 0, 38.617, 80.704

87, 38.617, 80.704

87, 38.617, 80.704

84, 48.191, 79.259

90, 29.162, 82.113

82, 57.674, 77.741

93, 19.919, 83.477

79, 66.663, 76.098

96, 10.926, 84.793

77, 74.437, 74.206

99, 2.188, 85.958

74, 79.971, 71.849

100, 0.462,
200.809

73, 82.435, 69.729

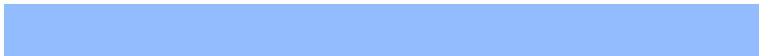
Harmonies

Complementary

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



87, 38.617, 80.704



75, 37.063, 274.048

Rectangle

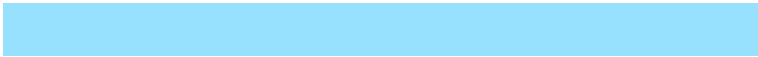
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 38.617, 80.704



87, 38.617, 130.704



87, 38.617, 260.704



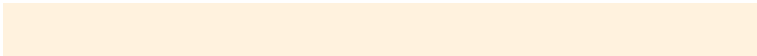
87, 38.617, 310.704

Sweetspot

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



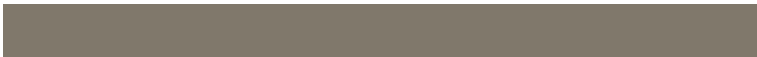
87, 38.617, 80.709



96, 11.364, 84.736



73, 45.953, 354.360



51, 7.979, 84.450



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, 38.617, 80.709



85, 46.895, 79.487



97, 53.725, 110.638



52, 4.943, 85.181



56, 66.602, 70.348



18, 27.476, 72.977

Inverse Universe

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



75, 37.063, 274.048



71, 44.762, 276.275



66, 60.017, 298.944



50, 4.910, 267.755



35, 71.987, 293.289



9, 28.902, 287.667

Previews

White Background



This preview shows how the CIELCh color 87, 38.617, 80.704 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, 38.617, 80.704 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, 38.617, 80.704

Background



This preview shows how black text looks on a background with the CIELCh color 87, 38.617, 80.704.



This preview shows how white text looks on a background with the CIELCh color 87, 38.617, 80.704.

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

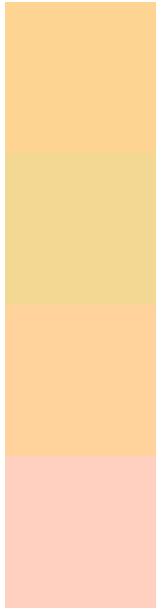
Protanopia
87, 36.894, 95.688

Deuteranopia
87, 32.063, 73.389



Tritanopia
87, 19.607, 0.806

Trichromacy



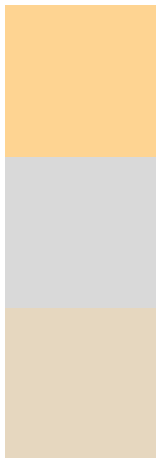
Original Color
87, 38.617, 80.704

Protanomaly
87, 37.309, 90.627

Deuteranomaly
87, 34.479, 76.423

Tritanomaly
87, 20.213, 43.195

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, 38.617, 80.704 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, 38.617, 80.704 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, 38.617, 80.704 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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