

Converting Colors

CIELCh(87, 39.746, 80.693)

Have a look what the booklet for
CIELCh(87, 39.746, 80.693) contains.

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Color

CIELCh(87, 39.548, 81.223)

Conversions

Conversions Part 1

Format	Color
Hex	FED490
RGB	254, 212, 144
RGB Percent	100%, 83%, 56%
CMY	0.0049, 0.1695, 0.4361
CMYK	0.00, 0.17, 0.43, 0.00
HSL	37°, 98%, 78%
HSV	37°, 43%, 100%
XYZ	69.2893, 70.0064, 36.1603
YIQ	216.8060, 46.8600, -12.2440

Conversions

Conversions Part 2

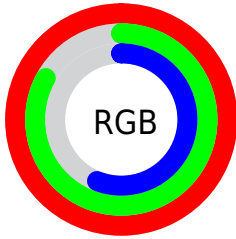
Format	Color
R _Y B	212, 254, 144
Decimal	16700560
CIE Lab	87.00, 6.03, 39.08
CIE LCh	87, 39.548, 81.223
Yxy	70.0064, 0.3949, 0.3990
Android (android.graphics.Color)	4294890640 (0xFF FED490)
YUV	216.8060, -35.8934, 32.6191
Hunter-Lab	83.6698, 1.3986, 32.9450

Details

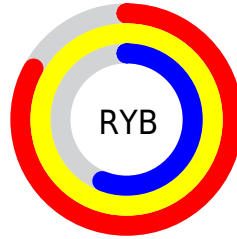
The CIELCh color **87, 39.548, 81.223** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 38.114, 274.847**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 28.233, 108.033**, and **67, 39.771, 81.938** is the 20% darker color. If you saturate the color by 10%, you get **84, 49.134, 79.773**, and if you desaturate by 10%, it is **90, 30.053, 82.636**.

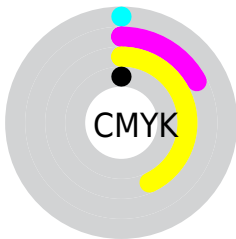
Distribution



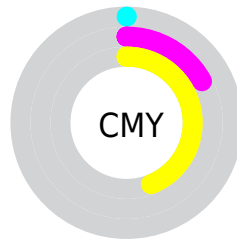
- Red (100%)
- Green (83%)
- Blue (56%)



- Red (83%)
- Yellow (100%)
- Blue (56%)



- Cyan (0%)
- Magenta (17%)
- Yellow (43%)
- Black (0%)



- Cyan (0%)
- Magenta (17%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 39.548, 81.223 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, 39.548, 81.223 by changing the saturation by 10% instead.

 87, 39.548, 81.223

 87, 39.548, 81.223

 100, 39.548,
81.223

 77, 39.548, 81.223

 67, 39.548, 81.223

 57, 39.548, 81.223

 47, 39.548, 81.223

 37, 39.548, 81.223

 27, 39.548, 81.223

 17, 39.548, 81.223

 7, 39.548, 81.223

 0, 39.548, 81.223

87, 39.548, 81.223

87, 39.548, 81.223

84, 49.134, 79.773

90, 30.053, 82.636

82, 58.588, 78.247

93, 20.753, 84.003

79, 67.477, 76.590

96, 11.692, 85.323

77, 75.053, 74.677

99, 2.877, 86.526

74, 80.284, 72.288

100, 0.431,
200.914

73, 82.379, 70.397

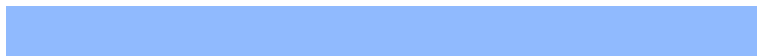
Harmonies

Complementary

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



87, 39.548, 81.223



75, 38.114, 274.847

Rectangle

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



87, 39.548, 81.223



87, 39.548, 131.223



87, 39.548, 261.223



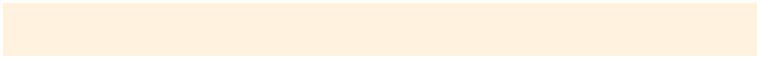
87, 39.548, 311.223

Sweetspot

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



87, 39.548, 81.228



96, 11.436, 85.366



73, 46.469, 355.610



51, 8.028, 85.080



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, 39.548, 81.228



85, 48.044, 79.969



97, 54.732, 111.333



52, 4.975, 85.810



56, 66.550, 71.007



18, 27.541, 73.672

Inverse Universe

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



75, 38.114, 274.847



70, 46.114, 277.155



65, 61.239, 299.543



50, 4.946, 268.378



35, 72.881, 293.759



9, 29.251, 288.198

Previews

White Background



This preview shows how the CIELCh color 87, 39.548, 81.223 looks on a white background.

Color Contrast Check

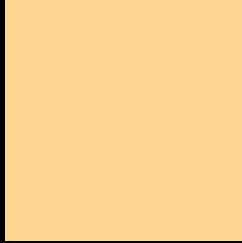
Large Text (above 18pt) WCAG AA × Fail

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, 39.548, 81.223 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, 39.548, 81.223

Background



This preview shows how black text looks on a background with the CIELCh color 87, 39.548, 81.223.



This preview shows how white text looks on a background with the CIELCh color 87, 39.548, 81.223.

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, 39.548, 81.223

Protanopia

87, 37.885, 95.877

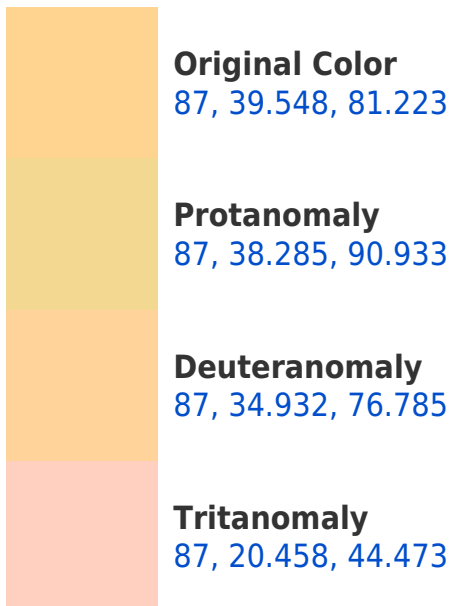
Deuteranopia

87, 32.063, 73.389



Tritanopia
87, 19.607, 0.806

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 39.548, 81.223 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(254, 212, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 212, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 39.548, 81.223 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, 144) }
```

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

```
.border{ border-color:rgb(254, 212, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 212, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 212, 144);  
box-shadow:4px 4px 4px 4px rgb(254, 212,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 39.548, 81.223 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, 144) }
```

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

```
.background{ background-color: rgb(254,  
212, 144) }
```

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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