

Converting Colors

CIELCh(83, 37.653, 67.148)

Have a look what the booklet for
CIELCh(83, 37.653, 67.148) contains.

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Color

CIELCh(83, 37.696, 67.128)

Conversions

Conversions Part 1

Format	Color
Hex	FEC38E
RGB	254, 195, 142
RGB Percent	100%, 76%, 56%
CMY	0.0032, 0.2346, 0.4425
CMYK	0.00, 0.23, 0.44, 0.00
HSL	28°, 99%, 78%
HSV	28°, 44%, 100%
XYZ	65.3813, 62.1629, 34.2042
YIQ	206.5990, 52.1770, -3.9750

Conversions

Conversions Part 2

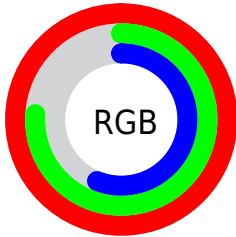
Format	Color
RYB	254, 243, 142
Decimal	16696206
CIELab	83.00, 14.65, 34.73
CIELCh	83, 37.696, 67.128
Yxy	62.1629, 0.4042, 0.3843
Android (android.graphics.Color)	4294886286 (0xFFFE C38E)
YUV	206.5990, -31.8473, 41.5707
Hunter-Lab	78.8435, 10.0457, 29.4690

Details

The CIELCh color **83, 37.696, 67.128** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 32.408, 260.366**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 28.311, 105.703**, and **63, 37.618, 66.859** is the 20% darker color. If you saturate the color by 10%, you get **79, 47.408, 65.919**, and if you desaturate by 10%, it is **87, 28.388, 68.342**.

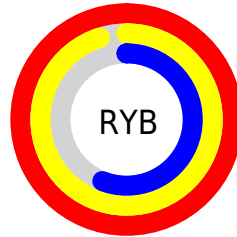
Distribution



Red (100%)

Green (76%)

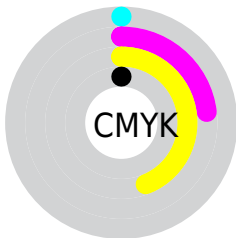
Blue (56%)



Red (100%)

Yellow (95%)

Blue (56%)

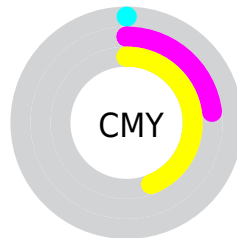


Cyan (0%)

Magenta (23%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 37.696, 67.128 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 83, 37.696, 67.128 by changing the saturation by 10% instead.

 83, 37.696, 67.128

 83, 37.696, 67.128

 100, 37.696,
67.128

 73, 37.696, 67.128

 63, 37.696, 67.128

 53, 37.696, 67.128

 43, 37.696, 67.128

 33, 37.696, 67.128

 23, 37.696, 67.128

 13, 37.696, 67.128

 3, 37.696, 67.128

 0, 37.696, 67.128

83, 37.696, 67.128

83, 37.696, 67.128

79, 47.408, 65.919

87, 28.388, 68.342

76, 57.376, 64.671

90, 19.532, 69.549

73, 67.250, 63.307

94, 11.122, 70.743

70, 76.311, 61.643

98, 3.133, 71.835

67, 83.364, 59.328

100, 0.287,
201.695

65, 86.446, 57.639

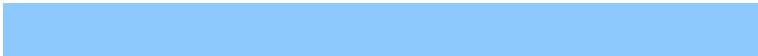
Harmonies

Complementary

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



83, 37.696, 67.128



79, 32.408, 260.366

Rectangle

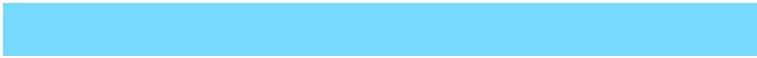
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 37.696, 67.128



83, 37.696, 117.128



83, 37.696, 247.128



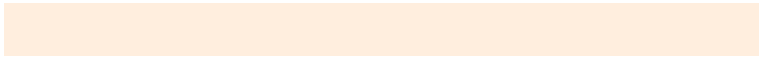
83, 37.696, 297.128

Sweetspot

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



83, 37.696, 67.133



95, 10.274, 70.868



73, 50.946, 346.271



50, 7.231, 70.608



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 37.696, 67.133



80, 46.474, 66.049



97, 53.810, 104.408



51, 4.452, 71.271



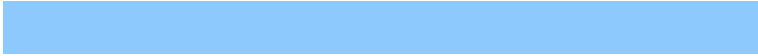
50, 69.503, 58.343



16, 27.055, 59.173

Inverse Universe

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



79, 32.408, 260.366



75, 38.635, 262.876



65, 60.165, 295.168



51, 4.336, 253.747



43, 55.236, 281.436



13, 22.615, 274.676

Previews

White Background



This preview shows how the CIELCh color 83, 37.696, 67.128 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 83, 37.696, 67.128 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 83, 37.696, 67.128

Background



This preview shows how black text looks on a background with the CIELCh color 83, 37.696, 67.128.



This preview shows how white text looks on a background with the CIELCh color 83, 37.696, 67.128.

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

83, 37.696, 67.128

Protanopia

83, 32.030, 95.711

Deuteranopia

83, 36.153, 73.389



Tritanopia
83, 25.733, 6.281

Trichromacy



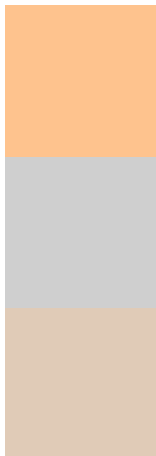
Original Color
83, 37.696, 67.128

Protanomaly
83, 33.091, 84.894

Deuteranomaly
83, 36.790, 70.902

Tritanomaly
83, 25.944, 34.037

Monochromacy



Original Color
83, 37.696, 67.128

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 13.298, 71.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 37.696, 67.128 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, 195, 142)` looks like.

```
.text, #text, p{  
    color:rgb(254, 195, 142)  
}
```

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, 195, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 195, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 37.696, 67.128 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, 195, 142) }
```

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

```
.border{ border-color:rgb(254, 195, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 195, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 195, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 195, 142);  
box-shadow:4px 4px 4px 4px rgb(254, 195,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 37.696, 67.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 195, 142) }
```

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

```
.background{ background-color: rgb(254,  
195, 142) }
```

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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