

Converting Colors

CIELCh(88, 52.574, 52.908)

Have a look what the booklet for
CIELCh(88, 52.574, 52.908) contains.

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Color

CIELCh(83, 37.653, 67.148)

Conversions

Conversions Part 1

Format	Color
Hex	FEC38E
RGB	254, 195, 142
RGB Percent	100%, 76%, 56%
CMY	0.0035, 0.2346, 0.4423
CMYK	0.00, 0.23, 0.44, 0.00
HSL	28°, 98%, 78%
HSV	28°, 44%, 100%
XYZ	65.3685, 62.1629, 34.2303
YIQ	206.5990, 52.1770, -3.9750

Conversions

Conversions Part 2

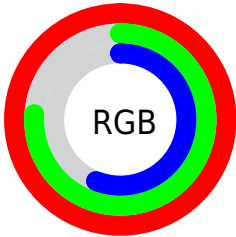
Format	Color
RYB	254, 243, 142
Decimal	16696206
CIELab	83.00, 14.62, 34.70
CIELCh	83, 37.653, 67.148
Yxy	62.1629, 0.4041, 0.3843
Android (android.graphics.Color)	4294886286 (0xFFFE38E)
YUV	206.5990, -31.8473, 41.5707
Hunter-Lab	78.8435, 10.0167, 29.4494

Details

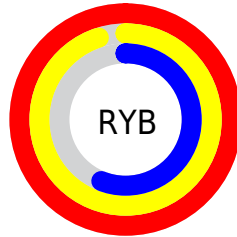
The CIELCh color **83, 37.653, 67.148** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 32.380, 260.374**, and the grayscale version is **83, 0.010, 296.813**.

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, 47.361, 65.939**, and if you desaturate by 10%, it is **87, 28.349, 68.363**.

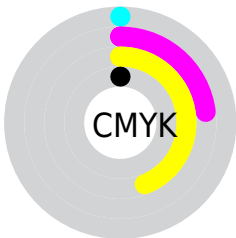
Distribution



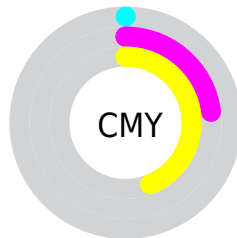
- Red (100%)
- Green (76%)
- Blue (56%)



- 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, 37.653, 67.148 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, 37.653, 67.148 by changing the saturation by 10% instead.

 83, 37.653, 67.148

 83, 37.653, 67.148

 100, 37.653,
67.148

 73, 37.653, 67.148

 63, 37.653, 67.148

 53, 37.653, 67.148

 43, 37.653, 67.148

 33, 37.653, 67.148

 23, 37.653, 67.148

 13, 37.653, 67.148

 3, 37.653, 67.148

 0, 37.653, 67.148

83, 37.653, 67.148

83, 37.653, 67.148

79, 47.361, 65.939

87, 28.349, 68.363

76, 57.326, 64.690

90, 19.496, 69.570

73, 67.198, 63.326

94, 11.089, 70.764

70, 76.261, 61.663

98, 3.102, 71.855

67, 83.322, 59.351

100, 0.309,
201.534

65, 86.424, 57.651

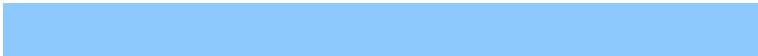
Harmonies

Complementary

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



83, 37.653, 67.148



79, 32.380, 260.374

Rectangle

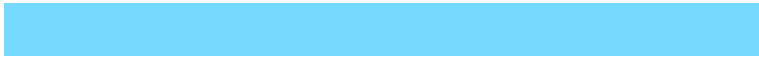
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 37.653, 67.148



83, 37.653, 117.148



83, 37.653, 247.148



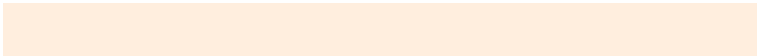
83, 37.653, 297.148

Sweetspot

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



83, 37.653, 67.153



95, 10.275, 70.884



73, 50.894, 346.266



50, 7.231, 70.625



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, 37.653, 67.153



80, 46.475, 66.064



97, 53.755, 104.412



51, 4.453, 71.288



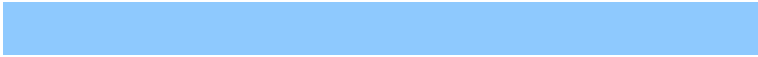
50, 69.498, 58.355



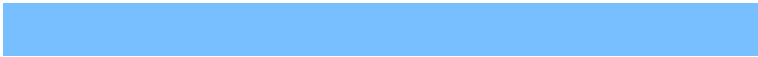
16, 27.055, 59.188

Inverse Universe

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



79, 32.380, 260.374



75, 38.642, 262.893



65, 60.095, 295.160



51, 4.336, 253.764



43, 55.253, 281.452



13, 22.621, 274.693

Previews

White Background



This preview shows how the CIELCh color 83, 37.653, 67.148 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, 37.653, 67.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

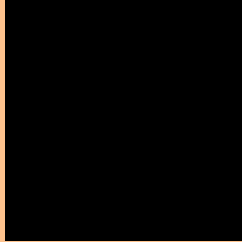
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 37.653, 67.148

Background



This preview shows how black text looks on a background with the CIELCh color 83, 37.653, 67.148.

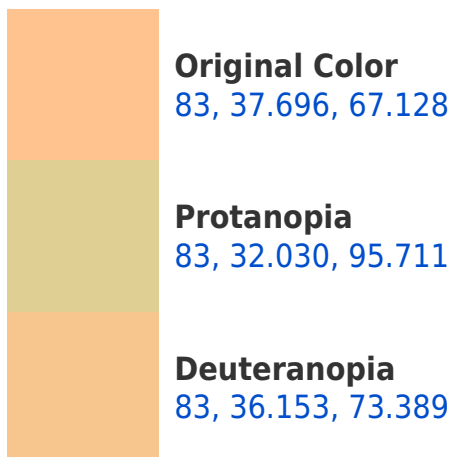


This preview shows how white text looks on a background with the CIELCh color 83, 37.653, 67.148.

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](#).

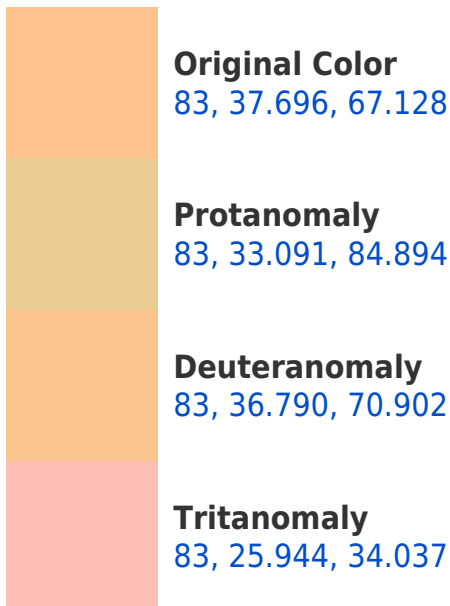
Dichromacy



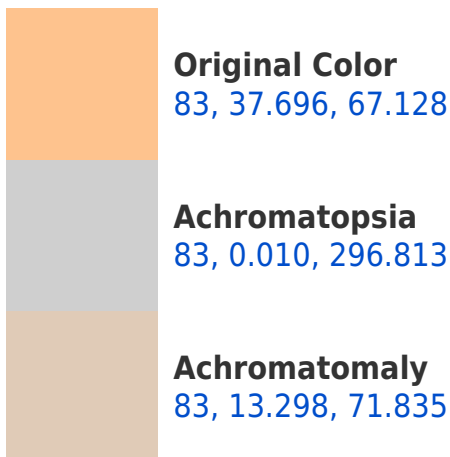


Tritanopia
83, 25.733, 6.281

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 37.653, 67.148 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, 37.653, 67.148 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, 37.653, 67.148 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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