

Converting Colors

CIELCh(83, 43.148, 79.167)

Have a look what the booklet for
CIELCh(83, 43.148, 79.167) contains.

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Color

CIELCh(83, 43.150, 78.840)

Conversions

Conversions Part 1

Format	Color
Hex	F7C77F
RGB	247, 199, 127
RGB Percent	97%, 78%, 50%
CMY	0.0313, 0.2195, 0.5019
CMYK	0.00, 0.19, 0.49, 0.03
HSL	36°, 88%, 73%
HSV	36°, 49%, 97%
XYZ	62.6215, 62.1629, 28.7816
YIQ	205.1440, 51.7200, -12.2160

Conversions

Conversions Part 2

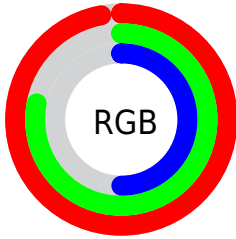
Format	Color
RYB	207, 247, 127
Decimal	16238463
CIELab	83.00, 8.35, 42.33
CIElCh	83, 43.150, 78.840
Yxy	62.1629, 0.4078, 0.4048
Android (android.graphics.Color)	4294428543 (0xFFFF7C77F)
YUV	205.1440, -38.5250, 36.7077
Hunter-Lab	78.8435, 3.7976, 33.5468

Details

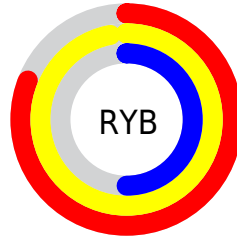
The CIELCh color **83, 43.150, 78.840** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71, 40.878, 274.613**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 37.154, 107.345**, and **63, 43.099, 78.800** is the 20% darker color. If you saturate the color by 10%, you get **80, 52.507, 77.364**, and if you desaturate by 10%, it is **86, 33.833, 80.269**.

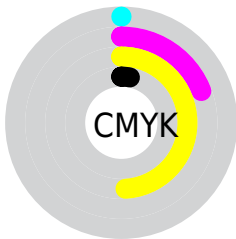
Distribution



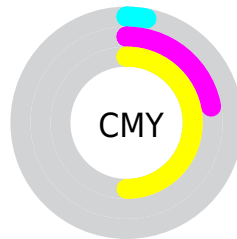
- Red (97%)
- Green (78%)
- Blue (50%)



- Red (81%)
- Yellow (97%)
- Blue (50%)



- Cyan (0%)
- Magenta (19%)
- Yellow (49%)
- Black (3%)



- Cyan (3%)
- Magenta (22%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 43.150, 78.840 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, 43.150, 78.840 by changing the saturation by 10% instead.

 83, 43.150, 78.840

 83, 43.150, 78.840

 100, 43.150,
78.840

 73, 43.150, 78.840

 63, 43.150, 78.840

 53, 43.150, 78.840

 43, 43.150, 78.840

 33, 43.150, 78.840

 23, 43.150, 78.840

 13, 43.150, 78.840

 3, 43.150, 78.840

 0, 43.150, 78.840

83, 43.150, 78.840

83, 43.150, 78.840

80, 52.507, 77.364

86, 33.833, 80.269

78, 61.608, 75.788

89, 24.700, 81.654

75, 69.894, 74.020

92, 15.812, 82.997

73, 76.462, 71.877

95, 7.186, 84.284

71, 80.445, 69.131

98, 1.183, 265.888

70, 80.930, 68.730

99, 2.765, 199.469

Harmonies

Complementary

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



83, 43.150, 78.840



71, 40.878, 274.613

Rectangle

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



83, 43.150, 78.840



83, 43.150, 128.840



83, 43.150, 258.840



83, 43.150, 308.840

Sweetspot

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



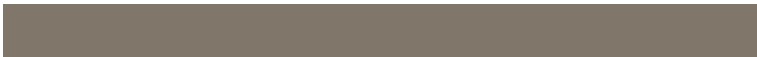
83, 43.150, 78.845



95, 13.026, 83.463



68, 51.165, 355.369



50, 8.916, 83.187



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, 43.150, 78.845



83, 53.329, 77.437



94, 59.484, 110.197



50, 4.732, 84.172



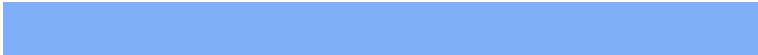
54, 65.369, 69.378



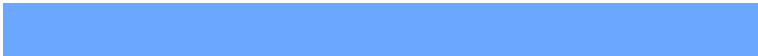
16, 25.043, 71.801

Inverse Universe

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



71, 40.878, 274.613



68, 50.254, 277.391



59, 67.824, 299.872



48, 4.694, 266.743



35, 69.030, 292.442



9, 26.428, 286.065

Previews

White Background



This preview shows how the CIELCh color 83, 43.150, 78.840 looks on a white background.

Color Contrast Check

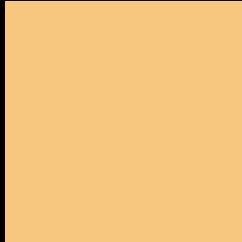
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 83, 43.150, 78.840 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, 43.150, 78.840

Background



This preview shows how black text looks on a background with the CIELCh color 83, 43.150, 78.840.



This preview shows how white text looks on a background with the CIELCh color 83, 43.150, 78.840.

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](#).

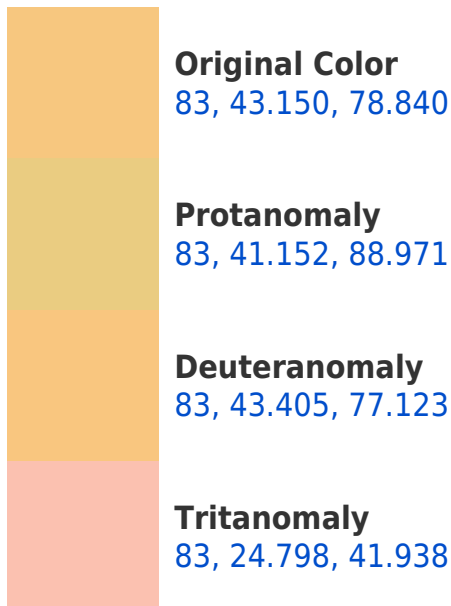
Dichromacy





Tritanopia
83, 25.071, 4.555

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 43.150, 78.840 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(247, 199, 127)` looks like.

```
.text, #text, p{  
    color:rgb(247, 199, 127)  
}
```

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(247, 199, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 199, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 43.150, 78.840 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(247, 199, 127) }
```

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

```
.border{ border-color:rgb(247, 199, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 199, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 199, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 199, 127);  
box-shadow:4px 4px 4px 4px rgb(247, 199,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 43.150, 78.840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 199, 127) }
```

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

```
.background{ background-color: rgb(247,  
199, 127) }
```

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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