

Converting Colors

CIELCh(83, 43.945, 82.597)

Have a look what the booklet for
CIELCh(83, 43.945, 82.597) contains.

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Color

CIELCh(83, 44.180, 82.936)

Conversions

Conversions Part 1

Format	Color
Hex	F3C97C
RGB	243, 201, 124
RGB Percent	95%, 79%, 49%
CMY	0.0478, 0.2124, 0.5144
CMYK	0.00, 0.17, 0.49, 0.05
HSL	39°, 83%, 72%
HSV	39°, 49%, 95%
XYZ	61.3697, 62.1629, 27.7773
YIQ	204.7800, 49.7490, -15.0430

Conversions

Conversions Part 2

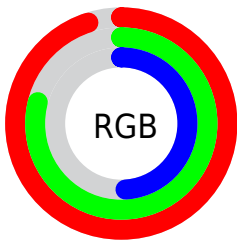
Format	Color
R_{YB}	189, 243, 124
Decimal	15976828
CIE _{Lab}	83.00, 5.43, 43.84
CIE _{LCh}	83, 44.180, 82.936
Yxy	62.1629, 0.4056, 0.4108
Android (android.graphics.Color)	4294166908 (0xFFFF3C97C)
YUV	204.7800, -39.8245, 33.5189
Hunter-Lab	78.8435, 0.9636, 34.3020

Details

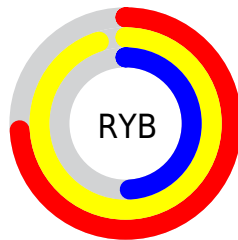
The CIELCh color **83, 44.180, 82.936** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **68, 43.378, 278.634**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 38.628, 107.231**, and **63, 44.262, 82.535** is the 20% darker color. If you saturate the color by 10%, you get **81, 53.397, 81.460**, and if you desaturate by 10%, it is **85, 34.879, 84.364**.

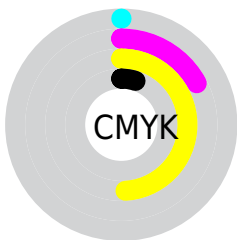
Distribution



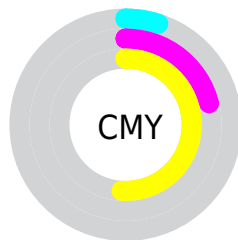
- Red (95%)
- Green (79%)
- Blue (49%)



- Red (74%)
- Yellow (95%)
- Blue (49%)



- Cyan (0%)
- Magenta (17%)
- Yellow (49%)
- Black (5%)



- Cyan (5%)
- Magenta (21%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 44.180, 82.936 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, 44.180, 82.936 by changing the saturation by 10% instead.

 83, 44.180, 82.936

 83, 44.180, 82.936

 100, 44.180,
82.936

 73, 44.180, 82.936

 63, 44.180, 82.936

 53, 44.180, 82.936

 43, 44.180, 82.936

 33, 44.180, 82.936

 23, 44.180, 82.936

 13, 44.180, 82.936

 3, 44.180, 82.936

 0, 44.180, 82.936

83, 44.180, 82.936

83, 44.180, 82.936

81, 53.397, 81.460

85, 34.879, 84.364

78, 62.197, 79.888

88, 25.665, 85.745

76, 69.994, 78.142

91, 16.618, 87.082

74, 75.901, 76.070

93, 7.773, 88.364

72, 79.215, 73.496

96, 0.865, 269.999

72, 79.498, 73.232

98, 3.524, 222.998

99, 4.206, 199.296

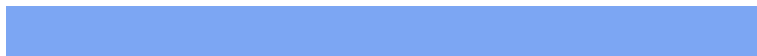
Harmonies

Complementary

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



83, 44.180, 82.936



68, 43.378, 278.634

Rectangle

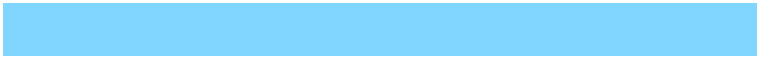
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 44.180, 82.936



83, 44.180, 132.936



83, 44.180, 262.936



83, 44.180, 312.936

Sweetspot

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



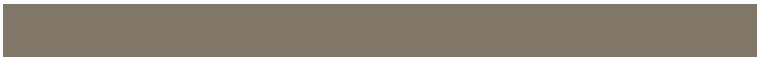
83, 44.180, 82.940



96, 13.585, 87.598



67, 50.255, 357.751



51, 9.293, 87.324



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, 44.180, 82.940



84, 55.561, 81.437



92, 59.295, 111.701



50, 4.944, 88.303



56, 65.121, 73.785



17, 25.523, 76.524

Inverse Universe

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



68, 43.378, 278.634



65, 54.800, 281.533



58, 67.520, 300.828



48, 4.932, 270.829



33, 74.857, 295.494



8, 28.573, 289.508

Previews

White Background



This preview shows how the CIELCh color 83, 44.180, 82.936 looks on a white background.

Color Contrast Check

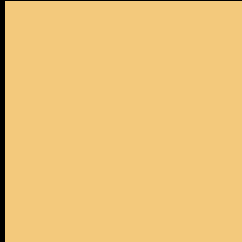
Large Text (above 18pt) WCAG AA × Fail

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, 44.180, 82.936 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, 44.180, 82.936

Background



This preview shows how black text looks on a background with the CIELCh color 83, 44.180, 82.936.



This preview shows how white text looks on a background with the CIELCh color 83, 44.180, 82.936.

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, 44.180, 82.936

Protanopia

83, 42.745, 95.778

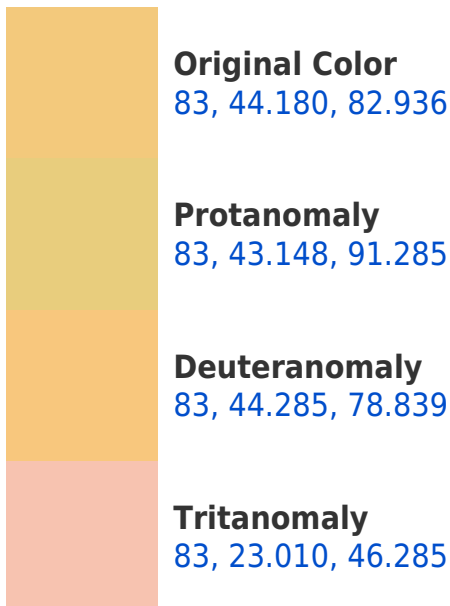
Deuteranopia

83, 44.773, 76.705



Tritanopia
83, 23.361, 1.725

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 44.180, 82.936 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(243, 201, 124)` looks like.

```
.text, #text, p{  
    color:rgb(243, 201, 124)  
}
```

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(243, 201, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 201, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 44.180, 82.936 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(243, 201, 124) }
```

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

```
.border{ border-color:rgb(243, 201, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 201, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 201, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 201, 124);  
box-shadow:4px 4px 4px 4px rgb(243, 201,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 44.180, 82.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 201, 124) }
```

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

```
.background{ background-color: rgb(243,  
201, 124) }
```

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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