

Converting Colors

CIELCh(83, 36.560, 73.788)

Have a look what the booklet for
CIELCh(83, 36.560, 73.788) contains.

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Color

CIELCh(83, 36.600, 73.766)

Conversions

Conversions Part 1

Format	Color
Hex	F7C68D
RGB	247, 198, 141
RGB Percent	97%, 78%, 55%
CMY	0.0309, 0.2231, 0.4466
CMYK	0.00, 0.20, 0.43, 0.03
HSL	32°, 87%, 76%
HSV	32°, 43%, 97%
XYZ	63.4369, 62.1629, 33.8968
YIQ	206.1530, 47.5010, -7.3390

Conversions

Conversions Part 2

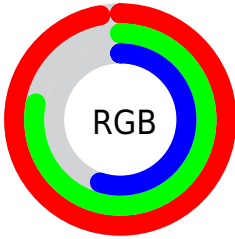
Format	Color
RYB	232, 247, 141
Decimal	16238221
CIELab	83.00, 10.23, 35.14
CIELCh	83, 36.600, 73.766
Yxy	62.1629, 0.3977, 0.3897
Android (android.graphics.Color)	4294428301 (0xFFF7C68D)
YUV	206.1530, -32.1204, 35.8228
Hunter-Lab	78.8435, 5.6436, 29.7002

Details

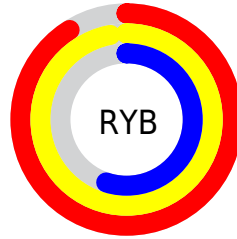
The CIELCh color **83, 36.600, 73.766** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 33.298, 267.172**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 30.226, 107.879**, and **63, 36.623, 73.322** is the 20% darker color. If you saturate the color by 10%, you get **80, 45.957, 72.393**, and if you desaturate by 10%, it is **86, 27.514, 75.119**.

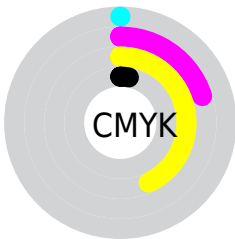
Distribution



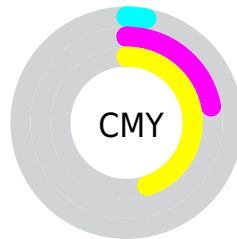
- Red (97%)
- Green (78%)
- Blue (55%)



- Red (91%)
- Yellow (97%)
- Blue (55%)



- Cyan (0%)
- Magenta (20%)
- Yellow (43%)
- Black (3%)



- Cyan (3%)
- Magenta (22%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 36.600, 73.766 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, 36.600, 73.766 by changing the saturation by 10% instead.

 83, 36.600, 73.766

 83, 36.600, 73.766

 100, 36.600,
73.766

 73, 36.600, 73.766

 63, 36.600, 73.766

 53, 36.600, 73.766

 43, 36.600, 73.766

 33, 36.600, 73.766

 23, 36.600, 73.766

 13, 36.600, 73.766

 3, 36.600, 73.766

 0, 36.600, 73.766

83, 36.600, 73.766

83, 36.600, 73.766

80, 45.957, 72.393

86, 27.514, 75.119

77, 55.421, 70.957

90, 18.760, 76.440

74, 64.643, 69.395

93, 10.351, 77.725

71, 72.945, 67.556

96, 2.274, 78.861

69, 79.261, 65.159

99, 2.728, 199.475

67, 82.318, 63.067

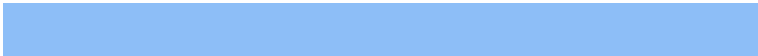
Harmonies

Complementary

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



83, 36.600, 73.766



76, 33.298, 267.172

Rectangle

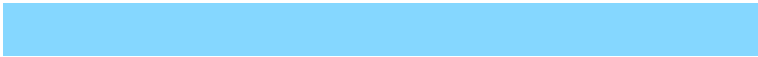
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 36.600, 73.766



83, 36.600, 123.766



83, 36.600, 253.766



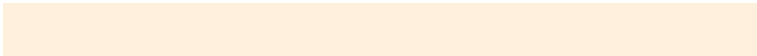
83, 36.600, 303.766

Sweetspot

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



83, 36.600, 73.771



95, 10.704, 77.710



71, 46.800, 350.099



50, 7.525, 77.430



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, 36.600, 73.771



83, 45.310, 72.646



95, 52.835, 107.574



49, 4.494, 78.149



51, 66.364, 63.771



15, 24.688, 65.368

Inverse Universe

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



76, 33.298, 267.172



74, 40.480, 269.398



63, 59.228, 297.085



48, 4.420, 260.719



38, 61.454, 287.583



10, 23.707, 280.626

Previews

White Background



This preview shows how the CIELCh color 83, 36.600, 73.766 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, 36.600, 73.766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

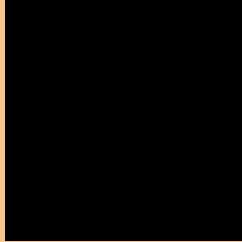
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 36.600, 73.766

Background



This preview shows how black text looks on a background with the CIELCh color 83, 36.600, 73.766.

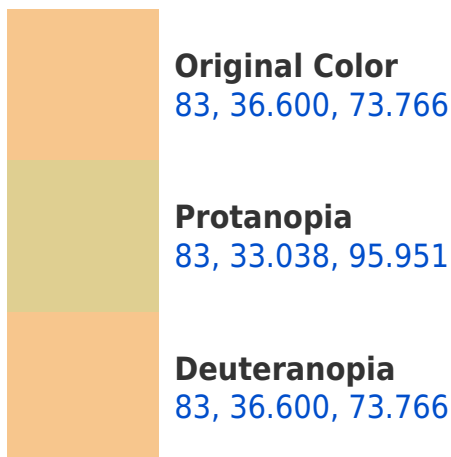


This preview shows how white text looks on a background with the CIELCh color 83, 36.600, 73.766.

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, 24.822, 3.081

Trichromacy



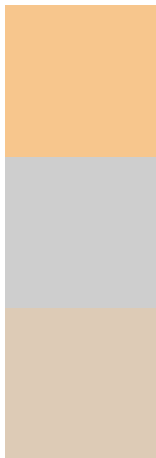
Original Color
83, 36.600, 73.766

Protanomaly
83, 33.553, 87.387

Deuteranomaly
83, 36.600, 73.766

Tritanomaly
83, 23.530, 35.173

Monochromacy



Original Color
83, 36.600, 73.766

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 13.066, 77.205

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 36.600, 73.766 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, 198, 141)` looks like.

```
.text, #text, p{  
    color:rgb(247, 198, 141)  
}
```

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, 198, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 198, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 36.600, 73.766 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, 198, 141) }
```

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

```
.border{ border-color:rgb(247, 198, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 198, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 198, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 198, 141);  
box-shadow:4px 4px 4px 4px rgb(247, 198,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 36.600, 73.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 198, 141) }
```

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

```
.background{ background-color: rgb(247,  
198, 141) }
```

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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