

Converting Colors

CIELCh(85, 33.604, 68.346)

Have a look what the booklet for
CIELCh(85, 33.604, 68.346) contains.

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Color

CIELCh(85, 33.596, 67.880)

Conversions

Conversions Part 1

Format	Color
Hex	FFCA9A
RGB	255, 202, 154
RGB Percent	100%, 79%, 60%
CMY	0.0000, 0.2069, 0.3951
CMYK	0.00, 0.21, 0.40, 0.00
HSL	29°, 100%, 80%
HSV	29°, 40%, 100%
XYZ	68.3674, 66.0070, 39.8118
YIQ	212.3750, 46.9960, -3.6920

Conversions

Conversions Part 2

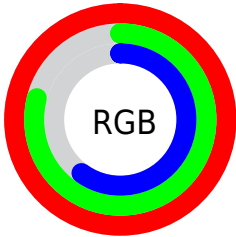
Format	Color
R _Y B	255, 245, 154
Decimal	16763546
CIE Lab	85.00, 12.65, 31.12
CIE LCh	85, 33.596, 67.880
Yxy	66.0070, 0.3925, 0.3789
Android (android.graphics.Color)	4294953626 (0xFFFFCA9A)
YUV	212.3750, -28.7789, 37.3821
Hunter-Lab	81.2447, 8.0294, 27.8178

Details

The CIELCh color **85, 33.596, 67.880** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 29.394, 259.617**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 23.230, 108.417**, and **65, 33.618, 68.380** is the 20% darker color. If you saturate the color by 10%, you get **81, 43.081, 66.802**, and if you desaturate by 10%, it is **89, 24.392, 69.240**.

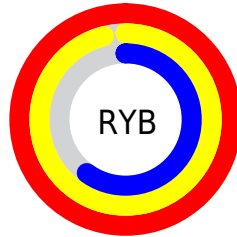
Distribution



Red (100%)

Green (79%)

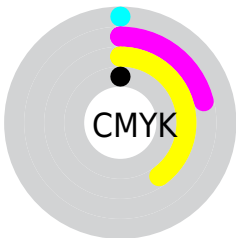
Blue (60%)



Red (100%)

Yellow (96%)

Blue (60%)

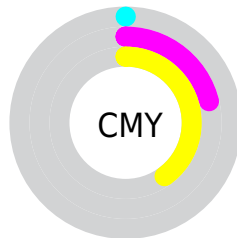


Cyan (0%)

Magenta (21%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 33.596, 67.880 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 85, 33.596, 67.880 by changing the saturation by 10% instead.

 85, 33.596, 67.880

 85, 33.596, 67.880

 100, 33.596,
67.880

 75, 33.596, 67.880

 65, 33.596, 67.880

 55, 33.596, 67.880

 45, 33.596, 67.880

 35, 33.596, 67.880

 25, 33.596, 67.880

 15, 33.596, 67.880

 5, 33.596, 67.880

 0, 33.596, 67.880

85, 33.596, 67.880

85, 33.596, 67.880

81, 43.081, 66.802

89, 24.392, 69.240

78, 52.974, 65.562

92, 15.712, 70.451

75, 62.957, 64.252

96, 7.466, 71.632

72, 72.499, 62.741

100, 0.012,
296.813

69, 80.612, 60.759

66, 86.269, 58.019

66, 86.527, 57.889

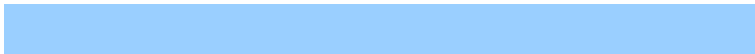
Harmonies

Complementary

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



85, 33.596, 67.880



81, 29.394, 259.617

Rectangle

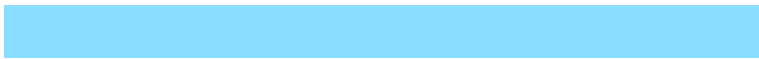
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 33.596, 67.880



85, 33.596, 117.880



85, 33.596, 247.880



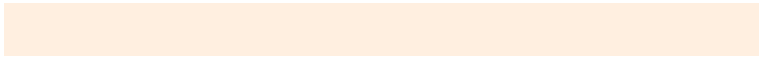
85, 33.596, 297.880

Sweetspot

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



85, 33.522, 68.023



95, 9.476, 71.345



75, 45.972, 345.699



50, 6.307, 71.192



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 33.522, 68.023



82, 40.640, 67.109



97, 48.627, 104.851



51, 4.461, 71.633



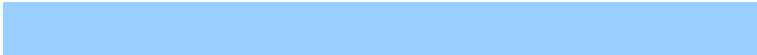
50, 69.398, 58.600



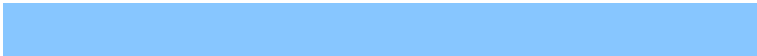
16, 27.047, 59.495

Inverse Universe

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



81, 29.394, 259.617



78, 34.657, 261.533



68, 53.566, 294.293



51, 4.346, 254.117



43, 55.605, 281.786



12, 22.748, 275.050

Previews

White Background



This preview shows how the CIELCh color 85, 33.596, 67.880 looks on a white background.

Color Contrast Check

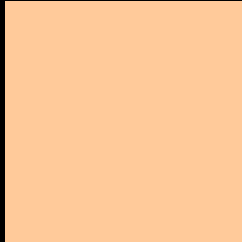
Large Text (above 18pt) WCAG AA × Fail

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 85, 33.596, 67.880 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 85, 33.596, 67.880

Background



This preview shows how black text looks on a background with the CIELCh color 85, 33.596, 67.880.

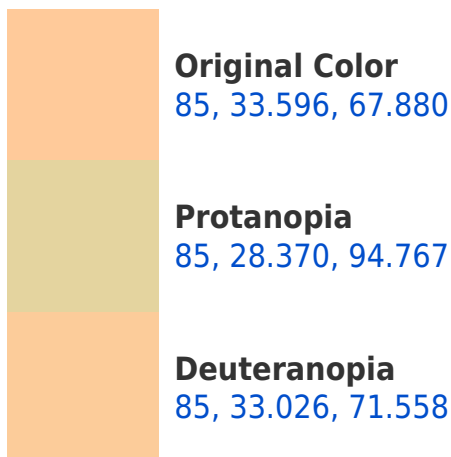


This preview shows how white text looks on a background with the CIELCh color 85, 33.596, 67.880.

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
85, 22.618, 3.830

Trichromacy



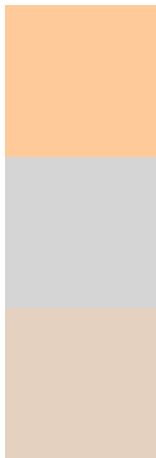
Original Color
85, 33.596, 67.880

Protanomaly
85, 29.397, 83.554

Deuteranomaly
85, 33.157, 69.973

Tritanomaly
85, 22.250, 33.096

Monochromacy



Original Color
85, 33.596, 67.880

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 11.470, 70.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 33.596, 67.880 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(255, 202, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 154)  
}
```

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(255, 202, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 33.596, 67.880 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(255, 202, 154) }
```

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

```
.border{ border-color:rgb(255, 202, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 33.596, 67.880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 154) }
```

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

```
.background{ background-color: rgb(255,  
202, 154) }
```

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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