

Converting Colors

CIELCh(100, 88.389, 40.001)

Have a look what the booklet for
CIELCh(100, 88.389, 40.001)
contains.

CIELCh(83, 35.529, 63.852)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(83, 35.529, 63.852)

Conversions

Conversions Part 1

Format	Color
Hex	FFC394
RGB	255, 195, 148
RGB Percent	100%, 76%, 58%
CMY	0.0017, 0.2368, 0.4211
CMYK	0.00, 0.24, 0.42, 0.00
HSL	26°, 99%, 79%
HSV	26°, 42%, 100%
XYZ	65.8293, 62.1629, 36.3922
YIQ	207.5820, 50.8470, -1.8970

Conversions

Conversions Part 2

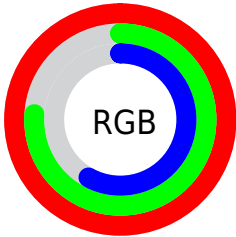
Format	Color
R _Y B	255, 232, 148
Decimal	16761748
CIE Lab	83.00, 15.66, 31.89
CIE LCh	83, 35.529, 63.852
Yxy	62.1629, 0.4005, 0.3782
Android (android.graphics.Color)	4294951828 (0xFFFFC394)
YUV	207.5820, -29.3739, 41.5856
Hunter-Lab	78.8435, 11.0600, 27.8237

Details

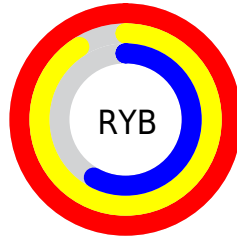
The CIELCh color **83, 35.529, 63.852** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 29.954, 255.718**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 25.308, 105.682**, and **63, 35.340, 63.537** is the 20% darker color. If you saturate the color by 10%, you get **79, 45.260, 62.775**, and if you desaturate by 10%, it is **87, 26.284, 64.956**.

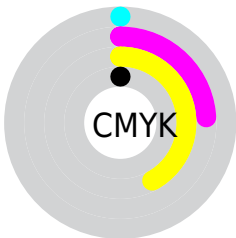
Distribution



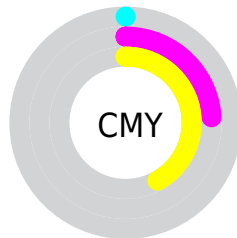
- Red (100%)
- Green (76%)
- Blue (58%)



- Red (100%)
- Yellow (91%)
- Blue (58%)



- Cyan (0%)
- Magenta (24%)
- Yellow (42%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 35.529, 63.852 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, 35.529, 63.852 by changing the saturation by 10% instead.

 83, 35.529, 63.852

 83, 35.529, 63.852

 100, 35.529,
63.852

 73, 35.529, 63.852

 63, 35.529, 63.852

 53, 35.529, 63.852

 43, 35.529, 63.852

 33, 35.529, 63.852

 23, 35.529, 63.852

 13, 35.529, 63.852

 3, 35.529, 63.852

 0, 35.529, 63.852

83, 35.529, 63.852

83, 35.529, 63.852

79, 45.260, 62.775

87, 26.284, 64.956

76, 55.373, 61.689

91, 17.548, 66.067

72, 65.587, 60.534

95, 9.302, 67.172

69, 75.294, 59.144

99, 1.508, 68.025

66, 83.362, 57.186

100, 0.146,
203.941

64, 88.057, 55.079

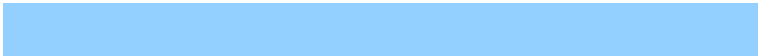
Harmonies

Complementary

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



83, 35.529, 63.852



81, 29.954, 255.718

Rectangle

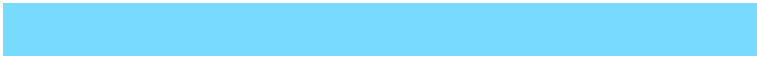
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 35.529, 63.852



83, 35.529, 113.852



83, 35.529, 243.852



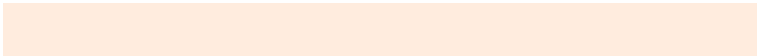
83, 35.529, 293.852

Sweetspot

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



83, 35.529, 63.858



95, 10.111, 67.064



74, 49.689, 344.143



50, 7.120, 66.822



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, 35.529, 63.858



80, 43.327, 62.992



96, 49.970, 102.997



51, 4.378, 67.441



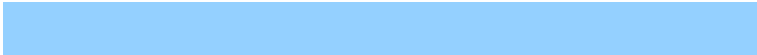
49, 70.660, 55.778



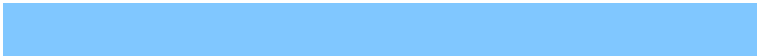
15, 27.194, 55.882

Inverse Universe

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



81, 29.954, 255.718



78, 35.202, 257.832



67, 55.056, 293.440



51, 4.240, 249.809



45, 51.531, 277.568



13, 21.290, 270.578

Previews

White Background



This preview shows how the CIELCh color 83, 35.529, 63.852 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, 35.529, 63.852 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, 35.529, 63.852

Background



This preview shows how black text looks on a background with the CIELCh color 83, 35.529, 63.852.



This preview shows how white text looks on a background with the CIELCh color 83, 35.529, 63.852.

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



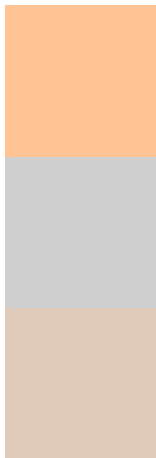
Original Color
83, 35.529, 63.852

Protanomaly
83, 29.936, 82.020

Deuteranomaly
83, 34.358, 69.259

Tritanomaly
83, 25.615, 31.844

Monochromacy



Original Color
83, 35.529, 63.852

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 12.326, 66.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 35.529, 63.852 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, 195, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 148)  
}
```

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, 195, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 35.529, 63.852 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, 195, 148) }
```

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

```
.border{ border-color:rgb(255, 195, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 35.529, 63.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 148) }
```

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

```
.background{ background-color: rgb(255,  
195, 148) }
```

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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