

Converting Colors

CIELCh(83, 41.552, 69.390)

Have a look what the booklet for
CIELCh(83, 41.552, 69.390) contains.

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Color

CIELCh(83, 41.383, 69.829)

Conversions

Conversions Part 1

Format	Color
Hex	FFC386
RGB	255, 195, 134
RGB Percent	100%, 76%, 53%
CMY	0.0000, 0.2344, 0.4737
CMYK	0.00, 0.23, 0.47, 0.00
HSL	30°, 100%, 76%
HSV	30°, 47%, 100%
XYZ	65.2118, 62.1629, 31.1931
YIQ	205.9860, 55.3410, -6.2510

Conversions

Conversions Part 2

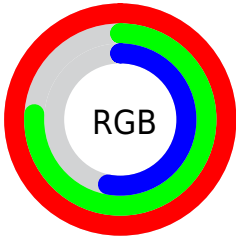
Format	Color
R _Y B	253, 255, 134
Decimal	16761734
CIE Lab	83.00, 14.27, 38.84
CIE LCh	83, 41.383, 69.829
Yxy	62.1629, 0.4113, 0.3920
Android (android.graphics.Color)	4294951814 (0xFFFFC386)
YUV	205.9860, -35.4891, 42.9853
Hunter-Lab	78.8435, 9.6621, 31.7333

Details

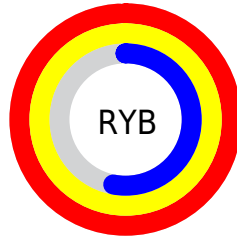
The CIELCh color **83, 41.383, 69.829** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 36.131, 264.898**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 32.297, 105.658**, and **63, 41.478, 69.484** is the 20% darker color. If you saturate the color by 10%, you get **80, 51.067, 68.617**, and if you desaturate by 10%, it is **86, 31.862, 71.239**.

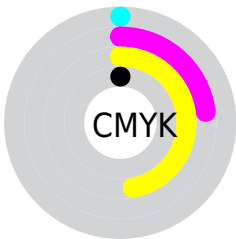
Distribution



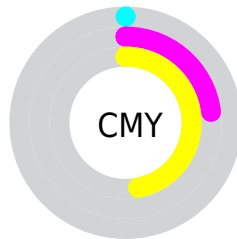
- Red (100%)
- Green (76%)
- Blue (53%)



- Red (99%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (47%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 41.383, 69.829 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, 41.383, 69.829 by changing the saturation by 10% instead.

 83, 41.383, 69.829

 83, 41.383, 69.829

 100, 41.383,
69.829

 73, 41.383, 69.829

 63, 41.383, 69.829

 53, 41.383, 69.829

 43, 41.383, 69.829

 33, 41.383, 69.829

 23, 41.383, 69.829

 13, 41.383, 69.829

 3, 41.383, 69.829

 0, 41.383, 69.829

83, 41.383, 69.829

83, 41.383, 69.829

80, 51.067, 68.617

86, 31.862, 71.239

76, 60.895, 67.222

90, 22.793, 72.521

73, 70.328, 65.653

94, 14.128, 73.784

71, 78.479, 63.685

97, 5.854, 74.995

68, 84.155, 60.971

100, 0.012,
296.813

67, 85.407, 60.211

Harmonies

Complementary

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



83, 41.383, 69.829



77, 36.131, 264.898

Rectangle

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



83, 41.383, 69.829



83, 41.383, 119.829



83, 41.383, 249.829



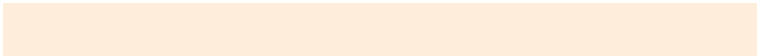
83, 41.383, 299.829

Sweetspot

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



83, 41.316, 69.941



95, 11.300, 74.201



71, 53.696, 348.706



50, 7.840, 73.934



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, 41.316, 69.941



80, 50.705, 68.666



98, 59.421, 105.629



51, 4.541, 74.746



51, 68.547, 60.920



16, 27.009, 62.343

Inverse Universe

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



77, 36.131, 264.898



72, 43.136, 267.778



61, 67.739, 297.049



51, 4.443, 257.288



41, 58.915, 284.690



12, 23.955, 278.176

Previews

White Background



This preview shows how the CIELCh color 83, 41.383, 69.829 looks on a white background.

Color Contrast Check

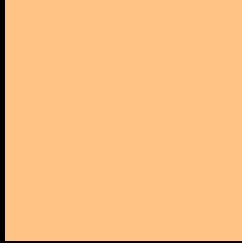
Large Text (above 18pt) WCAG AA × Fail

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, 41.383, 69.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

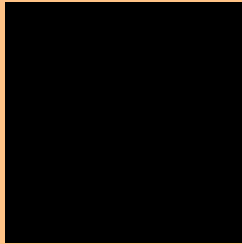
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 41.383, 69.829

Background



This preview shows how black text looks on a background with the CIELCh color 83, 41.383, 69.829.



This preview shows how white text looks on a background with the CIELCh color 83, 41.383, 69.829.

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, 41.383, 69.829

Protanopia

83, 36.135, 95.914

Deuteranopia

83, 40.235, 75.128



Tritanopia
83, 25.733, 6.281

Trichromacy



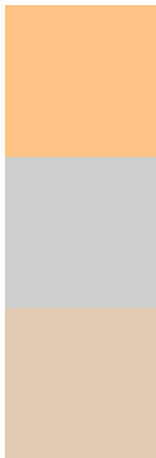
Original Color
83, 41.383, 69.829

Protanomaly
83, 37.127, 86.186

Deuteranomaly
83, 40.574, 73.326

Tritanomaly
83, 26.512, 37.211

Monochromacy



Original Color
83, 41.383, 69.829

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 14.414, 72.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 41.383, 69.829 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 41.383, 69.829 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, 134) }
```

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

```
.border{ border-color:rgb(255, 195, 134) }
```

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, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 41.383, 69.829 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, 134) }
```

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

```
.background{ background-color: rgb(255,  
195, 134) }
```

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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