

Converting Colors

CIELCh(83, 43.418, 70.575)

Have a look what the booklet for
CIELCh(83, 43.418, 70.575) contains.

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Color

CIELCh(83, 43.115, 71.189)

Conversions

Conversions Part 1

Format	Color
Hex	FFC382
RGB	255, 195, 130
RGB Percent	100%, 76%, 51%
CMY	0.0000, 0.2338, 0.4888
CMYK	0.00, 0.23, 0.49, 0.00
HSL	31°, 100%, 76%
HSV	31°, 49%, 100%
XYZ	65.0489, 62.1629, 29.8176
YIQ	205.5300, 56.6250, -7.4950

Conversions

Conversions Part 2

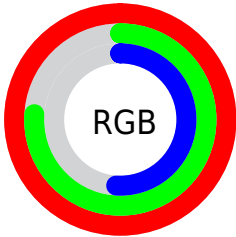
Format	Color
R_{YB}	245, 255, 130
Decimal	16761730
CIE _{Lab}	83.00, 13.90, 40.81
CIE _{LCh}	83, 43.115, 71.189
Yxy	62.1629, 0.4142, 0.3959
Android (android.graphics.Color)	4294951810 (0xFFFFC382)
YUV	205.5300, -37.2363, 43.3852
Hunter-Lab	78.8435, 9.2933, 32.7677

Details

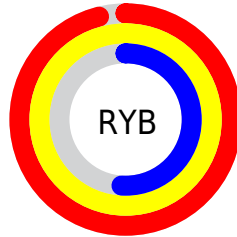
The CIELCh color **83, 43.115, 71.189** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 38.026, 267.115**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 34.281, 105.613**, and **63, 43.265, 70.799** is the 20% darker color. If you saturate the color by 10%, you get **80, 52.737, 70.002**, and if you desaturate by 10%, it is **86, 33.502, 72.714**.

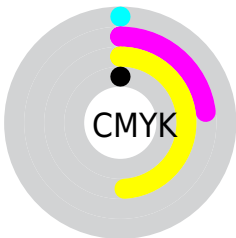
Distribution



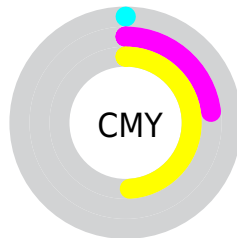
- Red (100%)
- Green (76%)
- Blue (51%)



- Red (96%)
- Yellow (100%)
- Blue (51%)



- Cyan (0%)
- Magenta (23%)
- Yellow (49%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 43.115, 71.189 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, 43.115, 71.189 by changing the saturation by 10% instead.

83, 43.115, 71.189

83, 43.115, 71.189

100, 43.115,
71.189

73, 43.115, 71.189

63, 43.115, 71.189

53, 43.115, 71.189

43, 43.115, 71.189

33, 43.115, 71.189

23, 43.115, 71.189

13, 43.115, 71.189

3, 43.115, 71.189

0, 43.115, 71.189

83, 43.115, 71.189

83, 43.115, 71.189

80, 52.737, 70.002

86, 33.502, 72.714

77, 62.445, 68.539

90, 24.346, 74.030

74, 71.591, 66.874

93, 15.567, 75.321

71, 79.221, 64.767

97, 7.160, 76.567

68, 84.314, 61.932

100, 0.012,
296.813

68, 84.829, 61.609

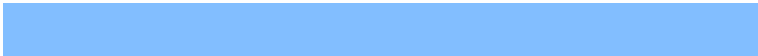
Harmonies

Complementary

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



83, 43.115, 71.189



75, 38.026, 267.115

Rectangle

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



83, 43.115, 71.189



83, 43.115, 121.189



83, 43.115, 251.189



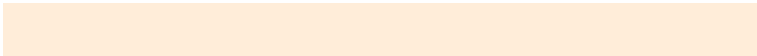
83, 43.115, 301.189

Sweetspot

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



83, 43.002, 71.377



95, 12.265, 75.812



70, 54.821, 349.966



50, 8.407, 75.546



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, 43.002, 71.377



80, 52.858, 69.984



98, 61.162, 106.282



51, 4.593, 76.492



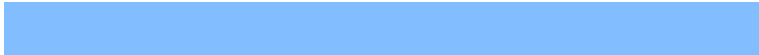
52, 68.112, 62.313



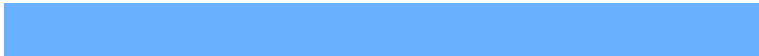
16, 27.018, 64.005

Inverse Universe

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



75, 38.026, 267.115



70, 45.632, 270.216



60, 70.102, 297.774



50, 4.506, 259.057



40, 60.884, 286.244



11, 24.682, 279.864

Previews

White Background



This preview shows how the CIELCh color 83, 43.115, 71.189 looks on a white background.

Color Contrast Check

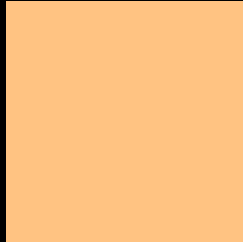
Large Text (above 18pt) WCAG AA × Fail

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, 43.115, 71.189 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, 43.115, 71.189

Background



This preview shows how black text looks on a background with the CIELCh color 83, 43.115, 71.189.



This preview shows how white text looks on a background with the CIELCh color 83, 43.115, 71.189.

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, 43.115, 71.189

Protanopia

83, 38.216, 95.659

Deuteranopia

83, 42.279, 75.833



Tritanopia
83, 25.733, 6.281

Trichromacy



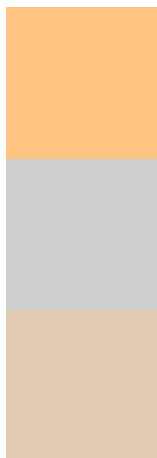
Original Color
83, 43.115, 71.189

Protanomaly
83, 39.219, 86.412

Deuteranomaly
83, 42.606, 74.109

Tritanomaly
83, 26.720, 38.237

Monochromacy



Original Color
83, 43.115, 71.189

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 15.297, 75.130

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 43.115, 71.189 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 43.115, 71.189 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, 130) }
```

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

```
.border{ border-color:rgb(255, 195, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 43.115, 71.189 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, 130) }
```

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

```
.background{ background-color: rgb(255,  
195, 130) }
```

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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