

Converting Colors

CIELCh(83, 39.356, 68.024)

Have a look what the booklet for
CIELCh(83, 39.356, 68.024) contains.

CIELCh(83, 39.249, 67.929)	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, 39.249, 67.929)

Conversions

Conversions Part 1

Format	Color
Hex	FFC38B
RGB	255, 195, 139
RGB Percent	100%, 76%, 55%
CMY	0.0000, 0.2352, 0.4549
CMYK	0.00, 0.24, 0.45, 0.00
HSL	29°, 100%, 77%
HSV	29°, 45%, 100%
XYZ	65.4242, 62.1629, 32.9808
YIQ	206.5560, 53.7360, -4.6960

Conversions

Conversions Part 2

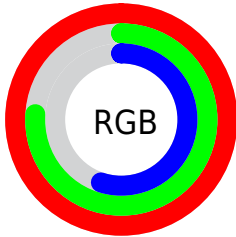
Format	Color
R _Y B	255, 247, 139
Decimal	16761739
CIE Lab	83.00, 14.75, 36.37
CIE LCh	83, 39.249, 67.929
Yxy	62.1629, 0.4075, 0.3871
Android (android.graphics.Color)	4294951819 (0xFFFFC38B)
YUV	206.5560, -33.3051, 42.4854
Hunter-Lab	78.8435, 10.1429, 30.3890

Details

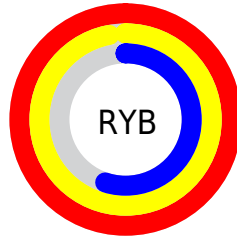
The CIELCh color **83, 39.249, 67.929** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 33.846, 261.865**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 29.808, 105.695**, and **63, 39.256, 67.622** is the 20% darker color. If you saturate the color by 10%, you get **80, 49.005, 66.690**, and if you desaturate by 10%, it is **87, 29.856, 69.178**.

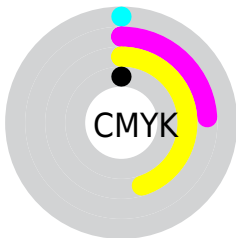
Distribution



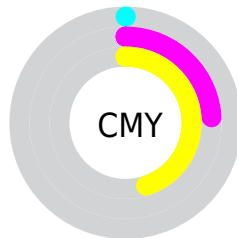
- Red (100%)
- Green (76%)
- Blue (55%)



- Red (100%)
- Yellow (97%)
- Blue (55%)



- Cyan (0%)
- Magenta (24%)
- Yellow (45%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 39.249, 67.929 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, 39.249, 67.929 by changing the saturation by 10% instead.

 83, 39.249, 67.929

 83, 39.249, 67.929

 100, 39.249,
67.929

 73, 39.249, 67.929

 63, 39.249, 67.929

 53, 39.249, 67.929

 43, 39.249, 67.929

 33, 39.249, 67.929

 23, 39.249, 67.929

 13, 39.249, 67.929

 3, 39.249, 67.929

 0, 39.249, 67.929

83, 39.249, 67.929

83, 39.249, 67.929

80, 49.005, 66.690

87, 29.856, 69.178

76, 58.961, 65.393

90, 20.900, 70.410

73, 68.714, 63.958

94, 12.380, 71.627

70, 77.475, 62.180

98, 4.274, 72.775

67, 84.006, 59.696

100, 0.012,
296.813

66, 86.266, 58.393

Harmonies

Complementary

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



83, 39.249, 67.929



78, 33.846, 261.865

Rectangle

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



83, 39.249, 67.929



83, 39.249, 117.929



83, 39.249, 247.929



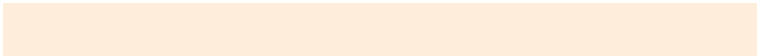
83, 39.249, 297.929

Sweetspot

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



83, 39.245, 67.940



95, 11.151, 71.805



72, 52.634, 346.458



50, 7.740, 71.546



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, 39.245, 67.940



80, 48.525, 66.752



97, 55.579, 104.272



51, 4.477, 72.334



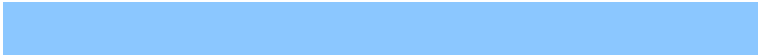
50, 69.200, 59.104



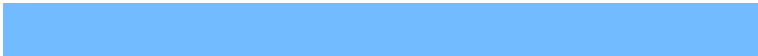
16, 27.032, 60.123

Inverse Universe

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



78, 33.846, 261.865



74, 40.484, 264.621



64, 62.446, 295.452



51, 4.366, 254.833



42, 56.328, 282.455



12, 23.010, 275.767

Previews

White Background



This preview shows how the CIELCh color 83, 39.249, 67.929 looks on a white background.

Color Contrast Check

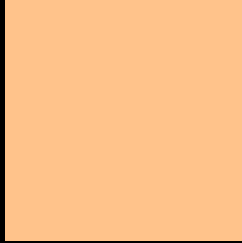
Large Text (above 18pt) WCAG AA × Fail

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, 39.249, 67.929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

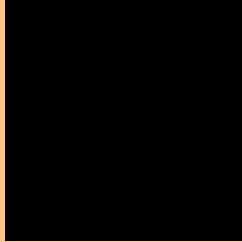
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 39.249, 67.929

Background



This preview shows how black text looks on a background with the CIELCh color 83, 39.249, 67.929.



This preview shows how white text looks on a background with the CIELCh color 83, 39.249, 67.929.

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, 39.249, 67.929

Protanopia

83, 33.629, 95.379

Deuteranopia

83, 38.192, 74.319



Tritanopia
83, 25.250, 7.162

Trichromacy



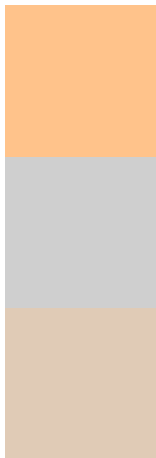
Original Color
83, 39.249, 67.929

Protanomaly
83, 34.710, 85.033

Deuteranomaly
83, 38.806, 71.941

Tritanomaly
83, 25.890, 36.371

Monochromacy



Original Color
83, 39.249, 67.929

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 13.730, 73.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 39.249, 67.929 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 39.249, 67.929 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, 139) }
```

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

```
.border{ border-color:rgb(255, 195, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 39.249, 67.929 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, 139) }
```

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

```
.background{ background-color: rgb(255,  
195, 139) }
```

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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