

Converting Colors

CIELCh(83, 39.623, 65.622)

Have a look what the booklet for
CIELCh(83, 39.623, 65.622) contains.

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Color

CIELCh(83, 38.745, 66.632)

Conversions

Conversions Part 1

Format	Color
Hex	FFC38D
RGB	255, 195, 141
RGB Percent	100%, 76%, 55%
CMY	0.0000, 0.2367, 0.4486
CMYK	0.00, 0.24, 0.45, 0.00
HSL	28°, 100%, 78%
HSV	28°, 45%, 100%
XYZ	65.7000, 62.1629, 33.5780
YIQ	206.7840, 53.0940, -4.0740

Conversions

Conversions Part 2

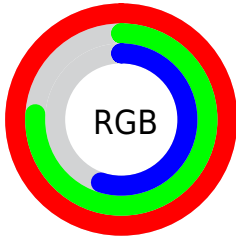
Format	Color
R _Y B	255, 244, 141
Decimal	16761741
CIE Lab	83.00, 15.37, 35.57
CIE LCh	83, 38.745, 66.632
Yxy	62.1629, 0.4070, 0.3851
Android (android.graphics.Color)	4294951821 (0xFFFFC38D)
YUV	206.7840, -32.4315, 42.2854
Hunter-Lab	78.8435, 10.7674, 29.9399

Details

The CIELCh color **83, 38.745, 66.632** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 33.011, 260.465**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 28.810, 105.702**, and **63, 38.374, 66.801** is the 20% darker color. If you saturate the color by 10%, you get **79, 48.313, 65.729**, and if you desaturate by 10%, it is **87, 29.177, 68.148**.

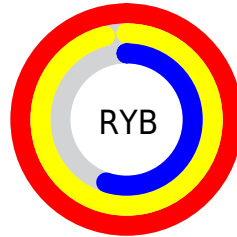
Distribution



Red (100%)

Green (76%)

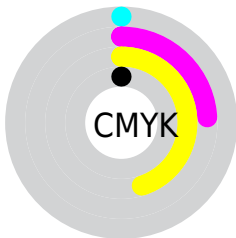
Blue (55%)



Red (100%)

Yellow (96%)

Blue (55%)

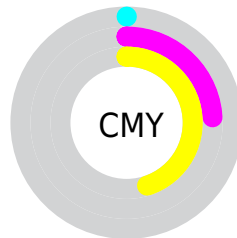


Cyan (0%)

Magenta (24%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 38.745, 66.632 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, 38.745, 66.632 by changing the saturation by 10% instead.

 83, 38.745, 66.632

 83, 38.745, 66.632

 100, 38.745,
66.632

 73, 38.745, 66.632

 63, 38.745, 66.632

 53, 38.745, 66.632

 43, 38.745, 66.632

 33, 38.745, 66.632

 23, 38.745, 66.632

 13, 38.745, 66.632

 3, 38.745, 66.632

 0, 38.745, 66.632

83, 38.745, 66.632

83, 38.745, 66.632

79, 48.313, 65.729

87, 29.177, 68.148

76, 58.321, 64.479

90, 20.262, 69.353

73, 68.197, 63.104

94, 11.798, 70.547

70, 77.181, 61.407

98, 3.759, 71.661

67, 84.045, 59.024

100, 0.012,
296.813

66, 86.702, 57.559

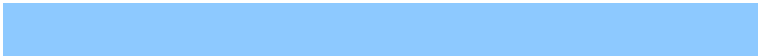
Harmonies

Complementary

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



83, 38.745, 66.632



79, 33.011, 260.465

Rectangle

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



83, 38.745, 66.632



83, 38.745, 116.632



83, 38.745, 246.632



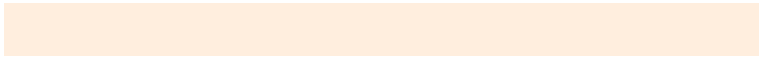
83, 38.745, 296.632

Sweetspot

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



83, 38.545, 66.942



95, 10.269, 70.766



73, 51.953, 346.375



50, 7.227, 70.506



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, 38.545, 66.942



80, 47.456, 65.835



97, 54.865, 104.331



51, 4.450, 71.168



50, 69.533, 58.270



16, 27.058, 59.082

Inverse Universe

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



79, 33.011, 260.465



75, 39.266, 263.071



64, 61.512, 295.327



51, 4.333, 253.641



43, 55.132, 281.336



13, 22.577, 274.569

Previews

White Background



This preview shows how the CIELCh color 83, 38.745, 66.632 looks on a white background.

Color Contrast Check

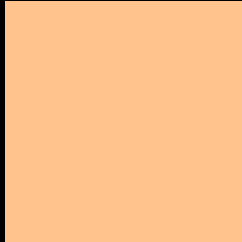
Large Text (above 18pt) WCAG AA × Fail

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, 38.745, 66.632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

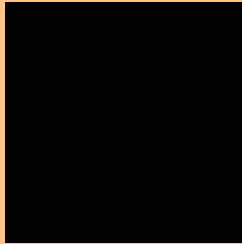
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 38.745, 66.632

Background



This preview shows how black text looks on a background with the CIELCh color 83, 38.745, 66.632.



This preview shows how white text looks on a background with the CIELCh color 83, 38.745, 66.632.

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



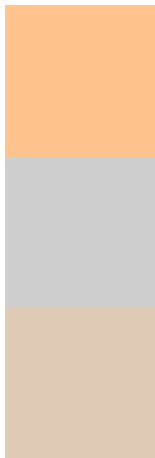
Original Color
83, 38.407, 67.101

Protanomaly
83, 33.745, 84.515

Deuteranomaly
83, 37.929, 71.192

Tritanomaly
83, 25.944, 34.037

Monochromacy



Original Color
83, 38.407, 67.101

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 13.298, 71.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 38.745, 66.632 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 38.745, 66.632 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, 141) }
```

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

```
.border{ border-color:rgb(255, 195, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 38.745, 66.632 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, 141) }
```

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

```
.background{ background-color: rgb(255,  
195, 141) }
```

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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