

Converting Colors

CIELCh(83, 38.151, 64.374)

Have a look what the booklet for
CIELCh(83, 38.151, 64.374) contains.

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Color

CIELCh(83, 37.503, 65.309)

Conversions

Conversions Part 1

Format	Color
Hex	FFC38F
RGB	255, 195, 143
RGB Percent	100%, 76%, 56%
CMY	0.0000, 0.2373, 0.4374
CMYK	0.00, 0.24, 0.44, 0.00
HSL	27°, 100%, 78%
HSV	27°, 44%, 100%
XYZ	65.8331, 62.1629, 34.7032
YIQ	207.0120, 52.4520, -3.4520

Conversions

Conversions Part 2

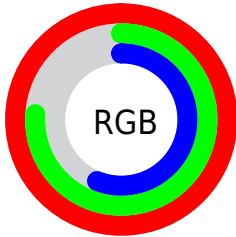
Format	Color
R _Y B	255, 240, 143
Decimal	16761743
CIE Lab	83.00, 15.67, 34.07
CIE LCh	83, 37.503, 65.309
Yxy	62.1629, 0.4046, 0.3821
Android (android.graphics.Color)	4294951823 (0xFFFFC38F)
YUV	207.0120, -31.5579, 42.0855
Hunter-Lab	78.8435, 11.0687, 29.0938

Details

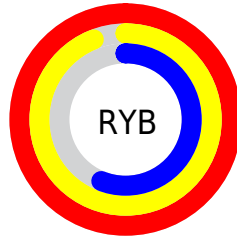
The CIELCh color **83, 37.503, 65.309** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 31.718, 258.398**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 27.811, 105.703**, and **63, 37.497, 65.933** is the 20% darker color. If you saturate the color by 10%, you get **79, 47.109, 64.399**, and if you desaturate by 10%, it is **87, 28.015, 66.715**.

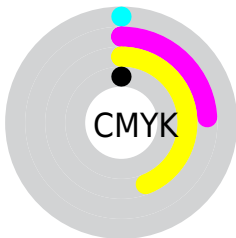
Distribution



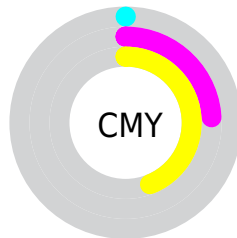
- Red (100%)
- Green (76%)
- Blue (56%)



- Red (100%)
- Yellow (94%)
- Blue (56%)



- Cyan (0%)
- Magenta (24%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 37.503, 65.309 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, 37.503, 65.309 by changing the saturation by 10% instead.

 83, 37.503, 65.309

 83, 37.503, 65.309

 100, 37.503,
65.309

 73, 37.503, 65.309

 63, 37.503, 65.309

 53, 37.503, 65.309

 43, 37.503, 65.309

 33, 37.503, 65.309

 23, 37.503, 65.309

 13, 37.503, 65.309

 3, 37.503, 65.309

 0, 37.503, 65.309

83, 37.503, 65.309

83, 37.503, 65.309

79, 47.109, 64.399

87, 28.015, 66.715

76, 57.180, 63.220

91, 19.168, 67.880

73, 67.223, 61.939

94, 10.791, 69.036

69, 76.539, 60.372

98, 2.853, 70.082

67, 83.925, 58.162

100, 0.012,
296.813

65, 87.342, 56.422

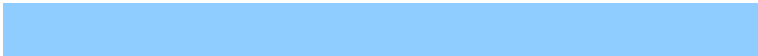
Harmonies

Complementary

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



83, 37.503, 65.309



80, 31.718, 258.398

Rectangle

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



83, 37.503, 65.309



83, 37.503, 115.309



83, 37.503, 245.309



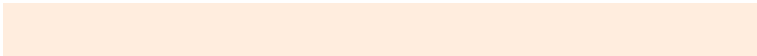
83, 37.503, 295.309

Sweetspot

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



83, 37.342, 65.555



95, 10.193, 69.120



73, 51.200, 345.279



50, 7.176, 68.868



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, 37.342, 65.555



80, 45.386, 64.600



97, 52.776, 103.643



51, 4.415, 69.512



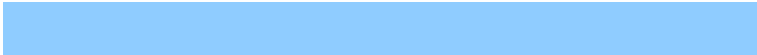
50, 70.023, 57.131



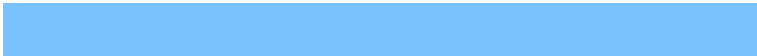
15, 27.109, 57.635

Inverse Universe

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



80, 31.718, 258.398



76, 37.246, 260.681



65, 58.709, 294.455



51, 4.289, 251.942



44, 53.490, 279.698



13, 21.987, 272.826

Previews

White Background



This preview shows how the CIELCh color 83, 37.503, 65.309 looks on a white background.

Color Contrast Check

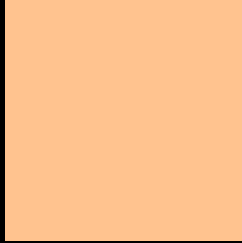
Large Text (above 18pt) WCAG AA × Fail

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, 37.503, 65.309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

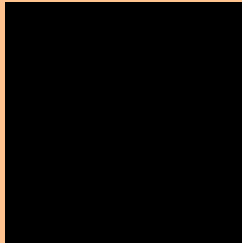
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 37.503, 65.309

Background



This preview shows how black text looks on a background with the CIELCh color 83, 37.503, 65.309.

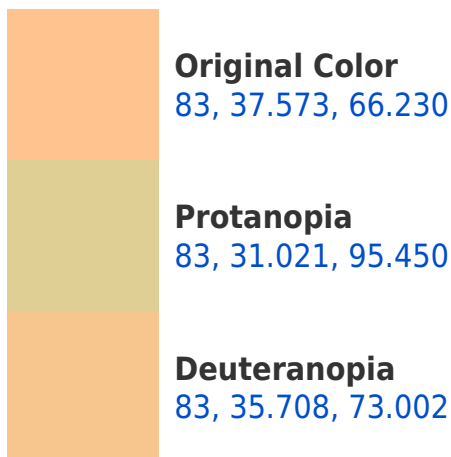


This preview shows how white text looks on a background with the CIELCh color 83, 37.503, 65.309.

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



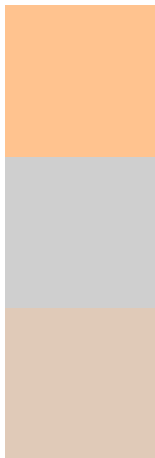
Original Color
83, 37.573, 66.230

Protanomaly
83, 32.034, 82.677

Deuteranomaly
83, 36.355, 70.493

Tritanomaly
83, 25.775, 32.948

Monochromacy



Original Color
83, 37.573, 66.230

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 12.727, 67.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 37.503, 65.309 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 37.503, 65.309 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, 143) }
```

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

```
.border{ border-color:rgb(255, 195, 143) }
```

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, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 37.503, 65.309 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, 143) }
```

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

```
.background{ background-color: rgb(255,  
195, 143) }
```

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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