

Converting Colors

CIELCh(83, 37.459, 64.411)

Have a look what the booklet for
CIELCh(83, 37.459, 64.411) contains.

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Color

CIELCh(83, 37.094, 64.845)

Conversions

Conversions Part 1

Format	Color
Hex	FFC290
RGB	255, 194, 144
RGB Percent	100%, 76%, 56%
CMY	0.0000, 0.2374, 0.4336
CMYK	0.00, 0.24, 0.43, 0.00
HSL	27°, 100%, 78%
HSV	27°, 43%, 100%
XYZ	65.8785, 62.1629, 35.0842
YIQ	206.5390, 52.4060, -2.6180

Conversions

Conversions Part 2

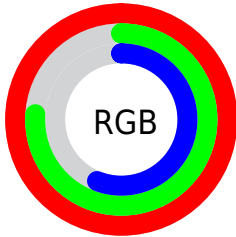
Format	Color
R _Y B	255, 235, 144
Decimal	16761488
CIE Lab	83.00, 15.77, 33.58
CIE LCh	83, 37.094, 64.845
Yxy	62.1629, 0.4039, 0.3811
Android (android.graphics.Color)	4294951568 (0xFFFFC290)
YUV	206.5390, -30.8317, 42.5003
Hunter-Lab	78.8435, 11.1714, 28.8072

Details

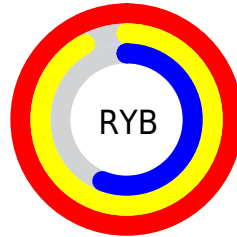
The CIELCh color **83, 37.094, 64.845** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 31.297, 257.679**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 26.847, 104.882**, and **63, 37.014, 64.508** is the 20% darker color. If you saturate the color by 10%, you get **79, 46.712, 63.934**, and if you desaturate by 10%, it is **87, 27.633, 66.212**.

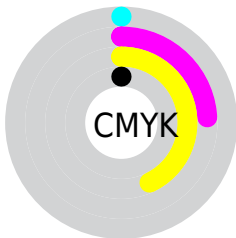
Distribution



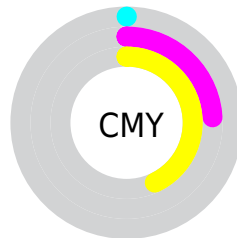
- Red (100%)
- Green (76%)
- Blue (56%)



- Red (100%)
- Yellow (92%)
- Blue (56%)



- Cyan (0%)
- Magenta (24%)
- Yellow (43%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 37.094, 64.845 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, 37.094, 64.845 by changing the saturation by 10% instead.

 83, 37.094, 64.845

 83, 37.094, 64.845

 100, 37.094,
64.845

 73, 37.094, 64.845

 63, 37.094, 64.845

 53, 37.094, 64.845

 43, 37.094, 64.845

 33, 37.094, 64.845

 23, 37.094, 64.845

 13, 37.094, 64.845

 3, 37.094, 64.845

 0, 37.094, 64.845

83, 37.094, 64.845

83, 37.094, 64.845

79, 46.712, 63.934

87, 27.633, 66.212

76, 56.803, 62.780

91, 18.809, 67.363

72, 66.899, 61.532

95, 10.461, 68.506

69, 76.322, 60.010

99, 2.556, 69.521

66, 83.879, 57.861

100, 0.012,
296.813

65, 87.570, 56.038

Harmonies

Complementary

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



83, 37.094, 64.845



80, 31.297, 257.679

Rectangle

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



83, 37.094, 64.845



83, 37.094, 114.845



83, 37.094, 244.845



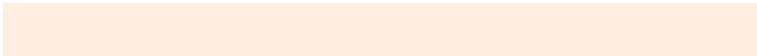
83, 37.094, 294.845

Sweetspot

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



83, 36.946, 65.069



95, 10.169, 68.546



73, 50.781, 345.232



50, 7.159, 68.297



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, 36.946, 65.069



80, 45.360, 64.088



97, 52.346, 103.681



51, 4.404, 68.934



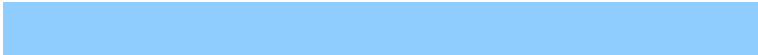
49, 70.198, 56.745



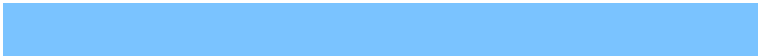
15, 27.130, 57.140

Inverse Universe

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



80, 31.297, 257.679



76, 37.024, 260.052



66, 58.160, 294.381



51, 4.275, 251.348



44, 52.933, 279.113



13, 21.788, 272.207

Previews

White Background



This preview shows how the CIELCh color 83, 37.094, 64.845 looks on a white background.

Color Contrast Check

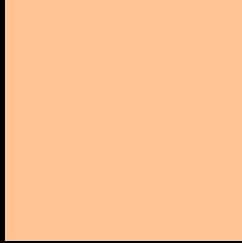
Large Text (above 18pt) WCAG AA × Fail

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, 37.094, 64.845 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, 37.094, 64.845

Background



This preview shows how black text looks on a background with the CIELCh color 83, 37.094, 64.845.



This preview shows how white text looks on a background with the CIELCh color 83, 37.094, 64.845.

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, 37.094, 64.845

Protanopia

83, 30.516, 95.311

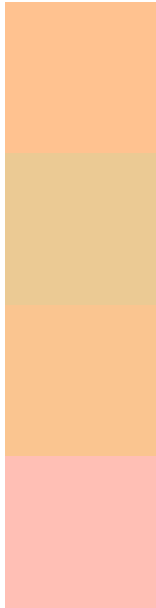
Deuteranopia

83, 35.265, 72.603



Tritanopia
83, 25.733, 6.281

Trichromacy



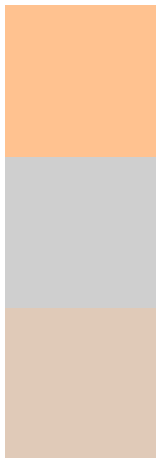
Original Color
83, 37.094, 64.845

Protanomaly
83, 31.556, 82.357

Deuteranomaly
83, 35.922, 70.073

Tritanomaly
83, 25.775, 32.948

Monochromacy



Original Color
83, 37.094, 64.845

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, 37.094, 64.845 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, 194, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 144)  
}
```

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, 194, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 37.094, 64.845 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, 194, 144) }
```

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

```
.border{ border-color:rgb(255, 194, 144) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 194, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 37.094, 64.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 144) }
```

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

```
.background{ background-color: rgb(255,  
194, 144) }
```

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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