

Converting Colors

CIELCh(87, 45.291, 41.706)

Have a look what the booklet for
CIELCh(87, 45.291, 41.706) contains.

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Color

CIELCh(83, 30.079, 51.111)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1A4
RGB	255, 193, 164
RGB Percent	100%, 76%, 64%
CMY	0.0000, 0.2438, 0.3577
CMYK	0.00, 0.24, 0.36, 0.00
HSL	19°, 100%, 82%
HSV	19°, 36%, 100%
XYZ	67.2803, 62.1629, 43.4788
YIQ	208.2320, 46.2610, 4.1250

Conversions

Conversions Part 2

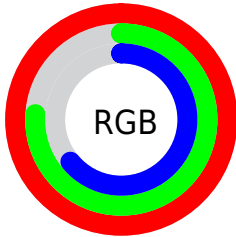
Format	Color
R _Y B	255, 207, 164
Decimal	16761252
CIE Lab	83.00, 18.88, 23.41
CIE LCh	83, 30.079, 51.111
Yxy	62.1629, 0.3891, 0.3595
Android (android.graphics.Color)	4294951332 (0xFFFFC1A4)
YUV	208.2320, -21.8064, 41.0155
Hunter-Lab	78.8435, 14.3450, 22.4946

Details

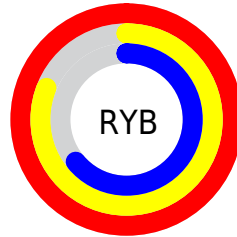
The CIELCh color **83, 30.079, 51.111** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 23.994, 238.036**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 15.834, 102.288**, and **63, 29.887, 51.064** is the 20% darker color. If you saturate the color by 10%, you get **78, 39.573, 50.991**, and if you desaturate by 10%, it is **88, 20.629, 52.017**.

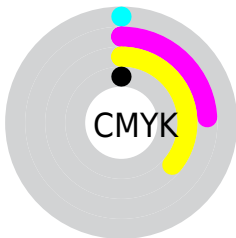
Distribution



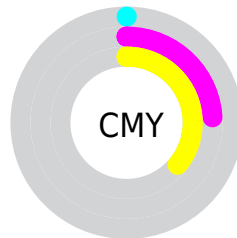
- Red (100%)
- Green (76%)
- Blue (64%)



- Red (100%)
- Yellow (81%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 30.079, 51.111 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, 30.079, 51.111 by changing the saturation by 10% instead.

 83, 30.079, 51.111

 83, 30.079, 51.111

 100, 30.079,
51.111

 73, 30.079, 51.111

 63, 30.079, 51.111

 53, 30.079, 51.111

 43, 30.079, 51.111

 33, 30.079, 51.111

 23, 30.079, 51.111

 13, 30.079, 51.111

 3, 30.079, 51.111

 0, 30.079, 51.111

83, 30.079, 51.111

83, 30.079, 51.111

78, 39.573, 50.991

88, 20.629, 52.017

74, 50.044, 50.632

92, 12.152, 52.647

70, 61.050, 50.363

97, 4.281, 53.265

66, 72.252, 50.097

100, 0.012,
296.813

63, 82.872, 49.593

60, 91.396, 48.342

59, 94.306, 47.659

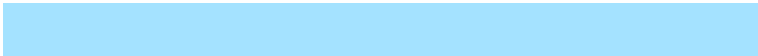
Harmonies

Complementary

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



83, 30.079, 51.111



87, 23.994, 238.036

Rectangle

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



83, 30.079, 51.111



83, 30.079, 101.111



83, 30.079, 231.111



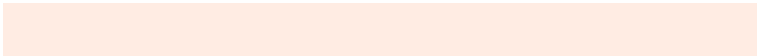
83, 30.079, 281.111

Sweetspot

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



83, 29.760, 51.457



95, 8.330, 52.956



78, 45.877, 337.701



50, 5.625, 52.868



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, 29.760, 51.457



80, 36.791, 51.109



94, 38.425, 97.200



51, 4.281, 53.051



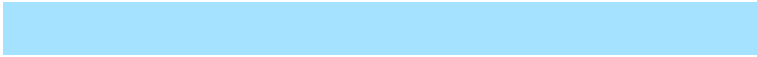
45, 75.472, 48.252



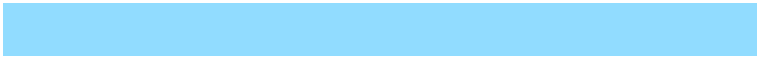
13, 28.321, 45.234

Inverse Universe

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



87, 23.994, 238.036



84, 28.167, 239.387



75, 40.377, 286.704



51, 4.075, 234.712



52, 40.701, 259.588



16, 17.627, 252.431

Previews

White Background



This preview shows how the CIELCh color 83, 30.079, 51.111 looks on a white background.

Color Contrast Check

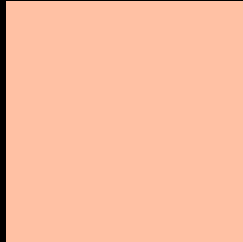
Large Text (above 18pt) WCAG AA × Fail

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, 30.079, 51.111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

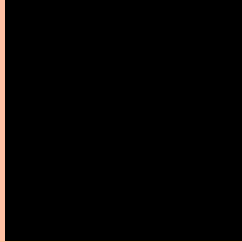
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 30.079, 51.111

Background



This preview shows how black text looks on a background with the CIELCh color 83, 30.079, 51.111.



This preview shows how white text looks on a background with the CIELCh color 83, 30.079, 51.111.

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, 29.683, 51.501

Protanopia

83, 19.594, 93.452

Deuteranopia

83, 25.883, 66.656



Tritanopia
83, 25.733, 6.281

Trichromacy



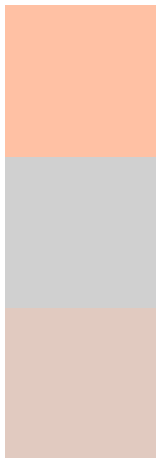
Original Color
83, 29.683, 51.501

Protanomaly
83, 21.402, 73.593

Deuteranomaly
83, 27.248, 60.988

Tritanomaly
83, 25.224, 23.771

Monochromacy



Original Color
83, 29.683, 51.501

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 10.191, 50.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 30.079, 51.111 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, 193, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 164)  
}
```

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, 193, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 30.079, 51.111 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, 193, 164) }
```

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

```
.border{ border-color:rgb(255, 193, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 30.079, 51.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 164) }
```

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

```
.background{ background-color: rgb(255,  
193, 164) }
```

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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