

Converting Colors

CIELCh(84, 30.305, 66.944)

Have a look what the booklet for
CIELCh(84, 30.305, 66.944) contains.

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Color

CIELCh(84, 30.033, 66.817)

Conversions

Conversions Part 1

Format	Color
Hex	F9C89E
RGB	249, 200, 158
RGB Percent	98%, 78%, 62%
CMY	0.0226, 0.2148, 0.3796
CMYK	0.00, 0.20, 0.37, 0.02
HSL	28°, 89%, 80%
HSV	28°, 37%, 98%
XYZ	66.0421, 64.0658, 41.3265
YIQ	209.8630, 42.6860, -2.6740

Conversions

Conversions Part 2

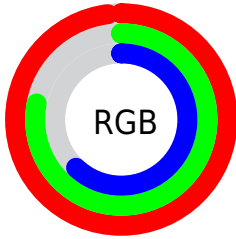
Format	Color
R _Y B	249, 236, 158
Decimal	16369822
CIE Lab	84.00, 11.82, 27.61
CIE LCh	84, 30.033, 66.817
Yxy	64.0658, 0.3852, 0.3737
Android (android.graphics.Color)	4294559902 (0xFFFF9C89E)
YUV	209.8630, -25.5685, 34.3231
Hunter-Lab	80.0411, 7.2088, 25.4164

Details

The CIELCh color **84, 30.033, 66.817** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 26.364, 257.144**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 21.222, 108.570**, and **64, 30.137, 66.900** is the 20% darker color. If you saturate the color by 10%, you get **80, 39.308, 65.653**, and if you desaturate by 10%, it is **88, 21.217, 67.998**.

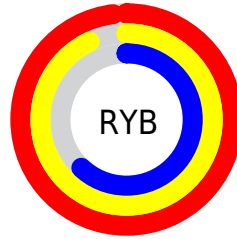
Distribution



Red (98%)

Green (78%)

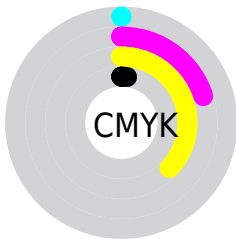
Blue (62%)



Red (98%)

Yellow (93%)

Blue (62%)

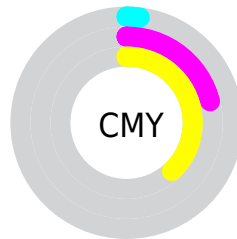


Cyan (0%)

Magenta (20%)

Yellow (37%)

Black (2%)



Cyan (2%)

Magenta (21%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 30.033, 66.817 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 84, 30.033, 66.817 by changing the saturation by 10% instead.

84, 30.033, 66.817

84, 30.033, 66.817

100, 30.033,
66.817

74, 30.033, 66.817

64, 30.033, 66.817

54, 30.033, 66.817

44, 30.033, 66.817

34, 30.033, 66.817

24, 30.033, 66.817

14, 30.033, 66.817

4, 30.033, 66.817

0, 30.033, 66.817

84, 30.033, 66.817

84, 30.033, 66.817

80, 39.308, 65.653

88, 21.217, 67.998

77, 48.982, 64.480

92, 12.861, 69.168

74, 58.881, 63.267

95, 4.940, 70.289

70, 68.597, 61.914

99, 1.709, 218.859

67, 77.316, 60.196

100, 2.002,
199.609

65, 83.778, 57.723

64, 85.637, 56.779

Harmonies

Complementary

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



84, 30.033, 66.817



81, 26.364, 257.144

Rectangle

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



84, 30.033, 66.817



84, 30.033, 116.817



84, 30.033, 246.817



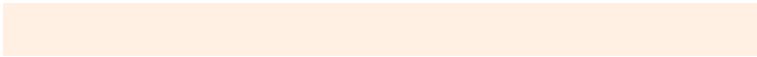
84, 30.033, 296.817

Sweetspot

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



84, 30.033, 66.823



96, 8.595, 69.800



76, 42.187, 344.415



50, 5.796, 69.646



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 30.033, 66.823



83, 37.626, 65.941



95, 43.571, 104.373



50, 4.352, 69.970



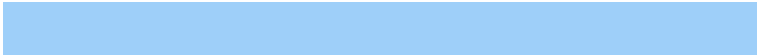
49, 69.174, 57.477



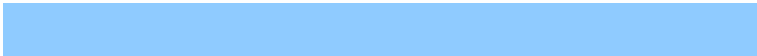
15, 25.904, 57.790

Inverse Universe

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



81, 26.364, 257.144



80, 32.035, 258.956



70, 47.394, 293.078



50, 4.230, 252.408



43, 53.352, 280.107



12, 21.431, 272.899

Previews

White Background



This preview shows how the CIELCh color 84, 30.033, 66.817 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 CIE LCh color 84, 30.033, 66.817 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 84, 30.033, 66.817

Background



This preview shows how black text looks on a background with the CIELCh color 84, 30.033, 66.817.



This preview shows how white text looks on a background with the CIELCh color 84, 30.033, 66.817.

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

84, 30.033, 66.817

Protanopia

84, 25.314, 94.412

Deuteranopia

84, 29.583, 69.147

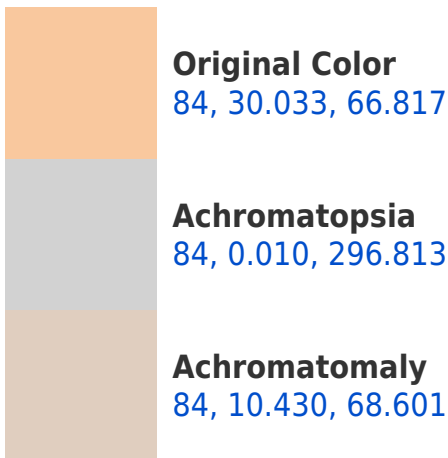


Tritanopia
84, 24.034, 2.391

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 30.033, 66.817 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(249, 200, 158)` looks like.

```
.text, #text, p{  
    color:rgb(249, 200, 158)  
}
```

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(249, 200, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 200, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 30.033, 66.817 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(249, 200, 158) }
```

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

```
.border{ border-color:rgb(249, 200, 158) }
```

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

Here you see how a box with a 4 pixel rgb(249, 200, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 200, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 200, 158);  
box-shadow:4px 4px 4px 4px rgb(249, 200,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 30.033, 66.817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 200, 158) }
```

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

```
.background{ background-color: rgb(249,  
200, 158) }
```

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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