

# Converting Colors

CIELCh(84, 26.259, 64.103)

Have a look what the booklet for  
CIELCh(84, 26.259, 64.103) contains.

<b>CIELCh(84, 26.289, 64.089)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	20
<i><b>Color Blindness Simulation</b></i> .....	23
<i><b>CSS Examples</b></i> .....	26

# Color

**CIELCh(84, 26.289, 64.089)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7C9A6
RGB	247, 201, 166
RGB Percent	97%, 79%, 65%
CMY	0.0328, 0.2131, 0.3503
CMYK	0.00, 0.19, 0.33, 0.03
HSL	26°, 83%, 81%
HSV	26°, 33%, 97%
XYZ	65.8921, 64.0658, 44.8120
YIQ	210.7640, 38.6510, -1.1330

# Conversions

## Conversions Part 2

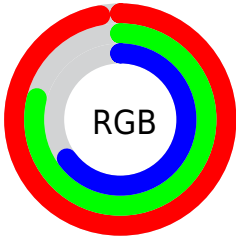
Format	Color
R <sub>Y</sub> B	247, 228, 166
Decimal	16239014
CIE Lab	84.00, 11.49, 23.65
CIE LCh	84, 26.289, 64.089
Yxy	64.0658, 0.3770, 0.3666
Android (android.graphics.Color)	4294429094 (0xFFFF7C9A6)
YUV	210.7640, -22.0687, 31.7790
Hunter-Lab	80.0411, 6.8743, 22.8345

# Details

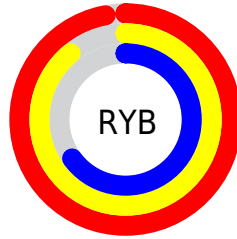
The CIELCh color **84, 26.289, 64.089** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 23.014, 252.750**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 17.195, 108.877**, and **64, 26.119, 64.258** is the 20% darker color. If you saturate the color by 10%, you get **80, 35.345, 63.028**, and if you desaturate by 10%, it is **88, 17.739, 65.182**.

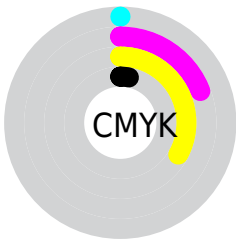
# Distribution



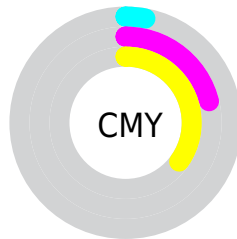
- Red (97%)
- Green (79%)
- Blue (65%)



- Red (97%)
- Yellow (89%)
- Blue (65%)



- Cyan (0%)
- Magenta (19%)
- Yellow (33%)
- Black (3%)



- Cyan (3%)
- Magenta (21%)
- Yellow (35%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 26.289, 64.089 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, 26.289, 64.089 by changing the saturation by 10% instead.



 84, 26.289, 64.089

 84, 26.289, 64.089

 100, 26.289,  
64.089

 74, 26.289, 64.089

 64, 26.289, 64.089

 54, 26.289, 64.089

 44, 26.289, 64.089

 34, 26.289, 64.089

 24, 26.289, 64.089

 14, 26.289, 64.089

 4, 26.289, 64.089

 0, 26.289, 64.089

84, 26.289, 64.089

84, 26.289, 64.089

80, 35.345, 63.028

88, 17.739, 65.182

77, 44.883, 61.980

92, 9.678, 66.267

73, 54.796, 60.930

96, 2.069, 67.190

70, 64.799, 59.809

99, 2.894, 199.451

67, 74.271, 58.442

64, 82.074, 56.479

62, 86.253, 54.633

# Harmonies

# Complementary

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



84, 26.289, 64.089



83, 23.014, 252.750

# Rectangle

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



84, 26.289, 64.089



84, 26.289, 114.089



84, 26.289, 244.089



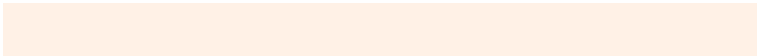
84, 26.289, 294.089

# Sweetspot

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



84, 26.289, 64.096



96, 7.688, 66.564



77, 38.433, 342.247



51, 5.267, 66.416



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, 26.289, 64.096



84, 32.697, 63.427



94, 37.742, 103.132



49, 4.220, 66.620



47, 69.469, 55.337



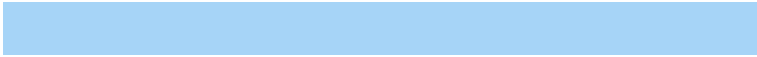
13, 24.824, 54.584



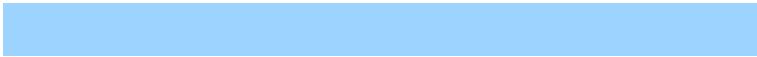


# Inverse Universe

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



83, 23.014, 252.750



83, 27.803, 254.102



73, 40.371, 291.021



49, 4.084, 248.951



44, 49.685, 276.592



12, 19.684, 268.786



# Previews

## White Background



This preview shows how the CIELCh color 84, 26.289, 64.089 looks on a white background.

## Color Contrast Check

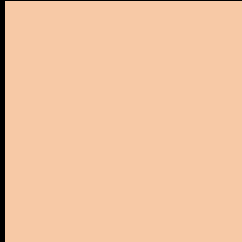
Large Text (above 18pt) WCAG AA × Fail

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 84, 26.289, 64.089 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

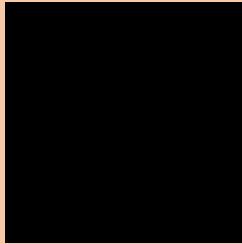
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 84, 26.289, 64.089

## Background



This preview shows how black text looks on a background with the CIELCh color 84, 26.289, 64.089.



This preview shows how white text looks on a background with the CIELCh color 84, 26.289, 64.089.

# 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, 26.289, 64.089

### Protanopia

84, 21.062, 94.393

### Deuteranopia

84, 25.703, 65.336



**Tritanopia**  
84, 22.210, 0.574



# Trichromacy



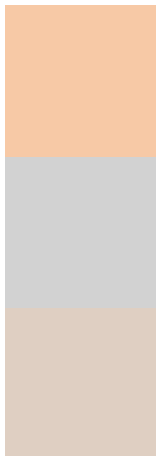
**Original Color**  
84, 26.289, 64.089

**Protanomaly**  
84, 22.329, 82.131

**Deuteranomaly**  
84, 25.994, 64.705

**Tritanomaly**  
84, 19.993, 25.396

# Monochromacy



**Original Color**  
84, 26.289, 64.089

**Achromatopsia**  
84, 0.010, 296.813

**Achromatomaly**  
84, 9.104, 68.088

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 84, 26.289, 64.089 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(247, 201, 166)` looks like.

```
.text, #text, p{  
    color:rgb(247, 201, 166)  
}
```

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(247, 201, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 201, 166) }
```

## Border

The CSS property to change the border of an element to CIELCh 84, 26.289, 64.089 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(247, 201, 166) }
```

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

```
.border{ border-color:rgb(247, 201, 166) }
```

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

Here you see how a box with a 4 pixel rgb(247, 201, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 201, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 201, 166);  
box-shadow:4px 4px 4px 4px rgb(247, 201,  
166) }
```

# Background

The CSS property to change the background color of an element to CIELCh 84, 26.289, 64.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 201, 166) }
```

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

```
.background{ background-color: rgb(247,  
201, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor