

# Converting Colors

CIELCh(84, 44.529, 84.838)

Have a look what the booklet for  
CIELCh(84, 44.529, 84.838) contains.

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# **Color**

**CIELCh(84, 44.639, 84.380)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4CC7D
RGB	244, 204, 125
RGB Percent	96%, 80%, 49%
CMY	0.0421, 0.1990, 0.5089
CMYK	0.00, 0.16, 0.49, 0.04
HSL	40°, 85%, 72%
HSV	40°, 49%, 96%
XYZ	62.7641, 64.0658, 28.5359
YIQ	206.9540, 49.1990, -16.0890

# Conversions

## Conversions Part 2

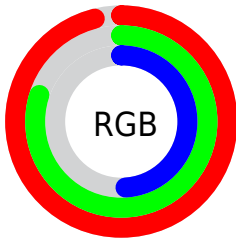
Format	Color
R <sub>Y</sub> B	185, 244, 125
Decimal	16043133
CIE Lab	84.00, 4.37, 44.42
CIE LCh	84, 44.639, 84.380
Yxy	64.0658, 0.4040, 0.4124
Android (android.graphics.Color)	4294233213 (0xFFF4CC7D)
YUV	206.9540, -40.4033, 32.4893
Hunter-Lab	80.0411, -0.1013, 34.8909

# Details

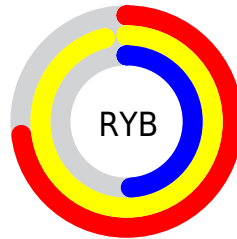
The CIELCh color **84, 44.639, 84.380** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **68, 44.343, 279.850**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 38.137, 107.269**, and **64, 44.500, 84.606** is the 20% darker color. If you saturate the color by 10%, you get **82, 53.916, 82.915**, and if you desaturate by 10%, it is **86, 35.242, 85.799**.

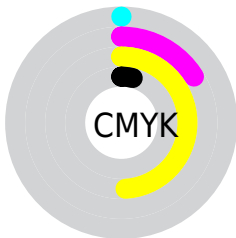
# Distribution



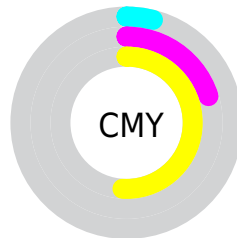
- Red (96%)
- Green (80%)
- Blue (49%)



- Red (73%)
- Yellow (96%)
- Blue (49%)



- Cyan (0%)
- Magenta (16%)
- Yellow (49%)
- Black (4%)



- Cyan (4%)
- Magenta (20%)
- Yellow (51%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 44.639, 84.380 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, 44.639, 84.380 by changing the saturation by 10% instead.



 84, 44.639, 84.380

 84, 44.639, 84.380

 100, 44.639,  
84.380

 74, 44.639, 84.380

 64, 44.639, 84.380

 54, 44.639, 84.380

 44, 44.639, 84.380

 34, 44.639, 84.380

 24, 44.639, 84.380

 14, 44.639, 84.380

 4, 44.639, 84.380

 0, 44.639, 84.380

84, 44.639, 84.380

84, 44.639, 84.380

82, 53.916, 82.915

86, 35.242, 85.799

79, 62.734, 81.360

89, 25.903, 87.171

77, 70.501, 79.646

91, 16.710, 88.500

75, 76.338, 77.631

94, 7.699, 89.772

73, 79.527, 75.147

97, 1.118, 271.308

73, 79.859, 74.823

99, 3.275, 212.808

99, 3.711, 199.348

# Harmonies

# Complementary

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



84, 44.639, 84.380



68, 44.343, 279.850

# Rectangle

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



84, 44.639, 84.380



84, 44.639, 134.380



84, 44.639, 264.380



84, 44.639, 314.380

# Sweetspot

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



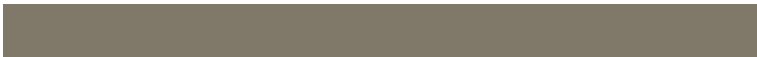
84, 44.639, 84.384



96, 13.799, 88.978



67, 49.953, 358.883



51, 9.437, 88.706



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, 44.639, 84.384



85, 55.138, 83.005



93, 59.379, 112.476



50, 5.025, 89.679



57, 65.143, 75.361



17, 25.735, 78.151





# Inverse Universe

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



68, 44.343, 279.850



65, 55.141, 282.481



59, 67.453, 301.247



48, 5.022, 272.183



32, 76.914, 296.462



7, 29.305, 290.528



# Previews

## White Background



This preview shows how the CIELCh color 84, 44.639, 84.380 looks on a white background.

## Color Contrast Check

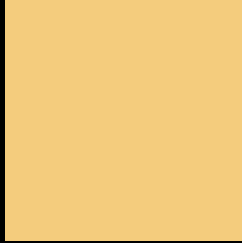
Large Text (above 18pt) WCAG AA × Fail

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, 44.639, 84.380 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, 44.639, 84.380

## Background



This preview shows how black text looks on a background with the CIELCh color 84, 44.639, 84.380.




This preview shows how white text looks on a background with the CIELCh color 84, 44.639, 84.380.

# 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

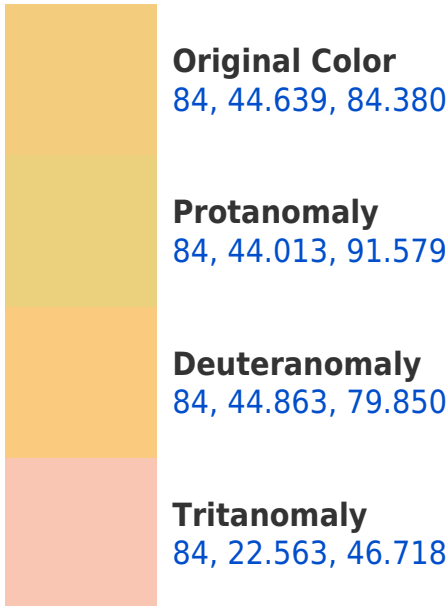




**Tritanopia**  
84, 22.940, 1.332



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 84, 44.639, 84.380 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(244, 204, 125)` looks like.

```
.text, #text, p{  
    color:rgb(244, 204, 125)  
}
```

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(244, 204, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 204, 125) }
```

## Border

The CSS property to change the border of an element to CIELCh 84, 44.639, 84.380 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(244, 204, 125) }
```

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

```
.border{ border-color:rgb(244, 204, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 204, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 204, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 204, 125);  
box-shadow:4px 4px 4px 4px rgb(244, 204,  
125) }
```

# Background

The CSS property to change the background color of an element to CIELCh 84, 44.639, 84.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 204, 125) }
```

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

```
.background{ background-color: rgb(244,  
204, 125) }
```

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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