

Converting Colors

CIELCh(84, 45.636, 85.919)

Have a look what the booklet for
CIELCh(84, 45.636, 85.919) contains.

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Color

CIELCh(84, 45.674, 85.892)

Conversions

Conversions Part 1

Format	Color
Hex	F3CD7B
RGB	243, 205, 123
RGB Percent	95%, 80%, 48%
CMY	0.0476, 0.1965, 0.5181
CMYK	0.00, 0.16, 0.49, 0.05
HSL	41°, 83%, 72%
HSV	41°, 49%, 95%
XYZ	62.2898, 64.0658, 27.7853
YIQ	207.0140, 48.9700, -17.4460

Conversions

Conversions Part 2

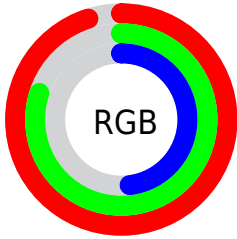
Format	Color
R _Y B	179, 243, 123
Decimal	15977851
CIE Lab	84.00, 3.27, 45.56
CIE LCh	84, 45.674, 85.892
Yxy	64.0658, 0.4041, 0.4156
Android (android.graphics.Color)	4294167931 (0xFFF3CD7B)
YUV	207.0140, -41.4189, 31.5597
Hunter-Lab	80.0411, -1.1591, 35.4470

Details

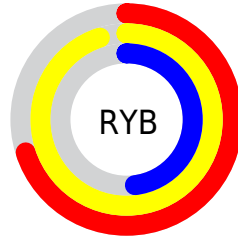
The CIELCh color **84, 45.674, 85.892** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **67, 45.989, 281.458**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 39.118, 107.193**, and **64, 45.687, 85.617** is the 20% darker color. If you saturate the color by 10%, you get **82, 54.908, 84.441**, and if you desaturate by 10%, it is **86, 36.257, 87.299**.

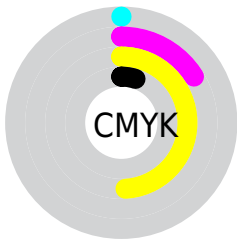
Distribution



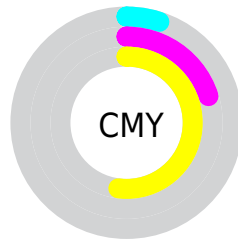
- Red (95%)
- Green (80%)
- Blue (48%)



- Red (70%)
- Yellow (95%)
- Blue (48%)



- Cyan (0%)
- Magenta (16%)
- Yellow (49%)
- Black (5%)



- Cyan (5%)
- Magenta (20%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 45.674, 85.892 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, 45.674, 85.892 by changing the saturation by 10% instead.

 84, 45.674, 85.892

 84, 45.674, 85.892

 100, 45.674,
85.892

 74, 45.674, 85.892

 64, 45.674, 85.892

 54, 45.674, 85.892

 44, 45.674, 85.892

 34, 45.674, 85.892

 24, 45.674, 85.892

 14, 45.674, 85.892

 4, 45.674, 85.892

 0, 45.674, 85.892

84, 45.674, 85.892

84, 45.674, 85.892

82, 54.908, 84.441

86, 36.257, 87.299

80, 63.595, 82.904

89, 26.851, 88.660

78, 71.119, 81.215

91, 17.557, 89.979

76, 76.600, 79.244

93, 8.421, 91.245

74, 79.467, 76.856

96, 0.542, 273.004

74, 79.613, 76.710

98, 3.443, 235.596

99, 4.185, 199.298

Harmonies

Complementary

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



84, 45.674, 85.892



67, 45.989, 281.458

Rectangle

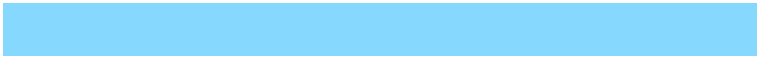
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 45.674, 85.892



84, 45.674, 135.892



84, 45.674, 265.892



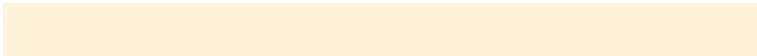
84, 45.674, 315.892

Sweetspot

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



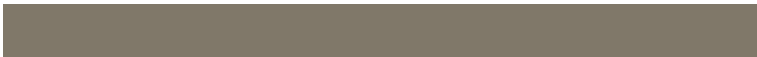
84, 45.675, 85.896



96, 14.060, 90.540



66, 49.913, 1.419



51, 9.613, 90.270



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, 45.675, 85.896



86, 56.740, 84.478



92, 60.085, 113.937



50, 5.124, 91.235



58, 65.243, 77.207



18, 26.010, 80.019

Inverse Universe

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



67, 45.989, 281.458



64, 57.759, 284.178



59, 68.167, 302.256



48, 5.131, 273.710



31, 79.303, 297.527



7, 30.133, 291.597

Previews

White Background



This preview shows how the CIELCh color 84, 45.674, 85.892 looks on a white background.

Color Contrast Check

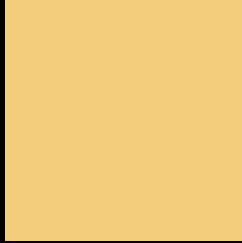
Large Text (above 18pt) WCAG AA × Fail

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, 45.674, 85.892 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, 45.674, 85.892

Background



This preview shows how black text looks on a background with the CIELCh color 84, 45.674, 85.892.



This preview shows how white text looks on a background with the CIELCh color 84, 45.674, 85.892.

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, 22.210, 0.574

Trichromacy



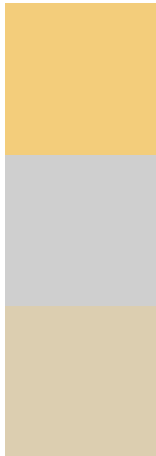
Original Color
84, 45.674, 85.892

Protanomaly
84, 44.862, 92.303

Deuteranomaly
84, 45.990, 79.816

Tritanomaly
84, 22.391, 49.844

Monochromacy



Original Color
84, 45.674, 85.892

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 16.686, 89.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 45.674, 85.892 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(243, 205, 123)` looks like.

```
.text, #text, p{  
    color:rgb(243, 205, 123)  
}
```

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(243, 205, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 205, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 45.674, 85.892 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(243, 205, 123) }
```

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

```
.border{ border-color:rgb(243, 205, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 205, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 205, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 205, 123); box-shadow:4px 4px 4px 4px rgb(243, 205, 123) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 45.674, 85.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 205, 123) }
```

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

```
.background{ background-color: rgb(243,  
205, 123) }
```

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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