

Converting Colors

CIELCh(85, 69.016, 87.048)

Have a look what the booklet for
CIELCh(85, 69.016, 87.048) contains.

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Color

CIELCh(85, 69.156, 87.134)

Conversions

Conversions Part 1

Format	Color
Hex	FECF4A
RGB	254, 207, 74
RGB Percent	100%, 81%, 29%
CMY	0.0051, 0.1892, 0.7108
CMYK	0.00, 0.19, 0.71, 0.01
HSL	44°, 99%, 64%
HSV	44°, 71%, 99%
XYZ	64.2445, 66.0070, 15.7865
YIQ	205.8910, 70.7050, -31.3990

Conversions

Conversions Part 2

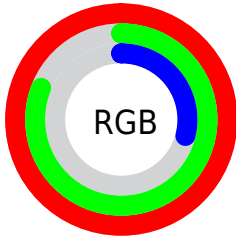
Format	Color
RYB	138, 254, 74
Decimal	16699210
CIELab	85.00, 3.46, 69.07
CIELCh	85, 69.156, 87.134
Yxy	66.0070, 0.4399, 0.4520
Android (android.graphics.Color)	4294889290 (0xFFFE4A)
YUV	205.8910, -65.0223, 42.1916
Hunter-Lab	81.2447, -1.0288, 45.3507

Details

The CIELCh color **85, 69.156, 87.134** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **54, 76.197, 291.403**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 61.322, 105.484**, and **65, 69.057, 87.185** is the 20% darker color. If you saturate the color by 10%, you get **83, 76.363, 85.575**, and if you desaturate by 10%, it is **87, 60.412, 88.586**.

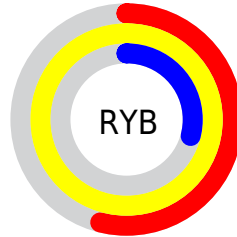
Distribution



Red (100%)

Green (81%)

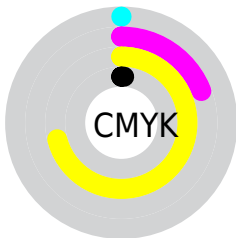
Blue (29%)



Red (54%)

Yellow (100%)

Blue (29%)

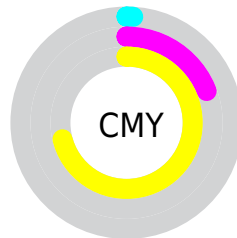


Cyan (0%)

Magenta (19%)

Yellow (71%)

Black (1%)



Cyan (1%)

Magenta (19%)

Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 69.156, 87.134 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 85, 69.156, 87.134 by changing the saturation by 10% instead.

 85, 69.156, 87.134

 85, 69.156, 87.134

 100, 69.156,
87.134

 75, 69.156, 87.134

 65, 69.156, 87.134

 55, 69.156, 87.134

 45, 69.156, 87.134

 35, 69.156, 87.134

 25, 69.156, 87.134

 15, 69.156, 87.134

 5, 69.156, 87.134

 0, 69.156, 87.134

85, 69.156, 87.134

85, 69.156, 87.134

83, 76.363, 85.575

87, 60.412, 88.586

82, 81.142, 83.802

89, 50.837, 89.974

80, 83.125, 81.942

91, 40.879, 91.323

93, 30.796, 92.639

95, 20.730, 93.920

97, 10.754, 95.155

99, 0.903, 96.124

100, 0.448,
200.857

Harmonies

Complementary

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



85, 69.156, 87.134



54, 76.197, 291.403

Rectangle

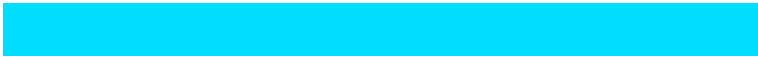
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 69.156, 87.134



85, 69.156, 137.134



85, 69.156, 267.134



85, 69.156, 317.134

Sweetspot

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



85, 69.156, 87.137



95, 20.880, 93.911



59, 71.626, 11.204



50, 14.156, 93.561



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 69.156, 87.137



83, 78.962, 84.883



94, 85.021, 115.399



52, 5.608, 95.326



62, 67.293, 82.354



21, 29.246, 84.878

Inverse Universe

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



54, 76.197, 291.403



47, 93.475, 296.046



47, 103.105, 306.108



50, 5.646, 277.715



30, 87.783, 300.225



7, 35.176, 295.434

Previews

White Background



This preview shows how the CIELCh color 85, 69.156, 87.134 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 85, 69.156, 87.134 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 85, 69.156, 87.134

Background



This preview shows how black text looks on a background with the CIELCh color 85, 69.156, 87.134.



This preview shows how white text looks on a background with the CIELCh color 85, 69.156, 87.134.

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

85, 69.156, 87.134

Protanopia

85, 68.451, 95.583

Deuteranopia

85, 48.149, 79.791



Tritanopia
85, 22.506, 5.117

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 69.156, 87.134 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(254, 207, 74)` looks like.

```
.text, #text, p{  
    color:rgb(254, 207, 74)  
}
```

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(254, 207, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 207, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 69.156, 87.134 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(254, 207, 74) }
```

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

```
.border{ border-color:rgb(254, 207, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 207, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 207, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 207, 74);  
box-shadow:4px 4px 4px 4px rgb(254, 207,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 69.156, 87.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 207, 74) }
```

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

```
.background{ background-color: rgb(254,  
207, 74) }
```

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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