

Converting Colors

CIELCh(85, 56.157, 83.860)

Have a look what the booklet for
CIELCh(85, 56.157, 83.860) contains.

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Color

CIELCh(85, 56.051, 84.073)

Conversions

Conversions Part 1

Format	Color
Hex	FECE69
RGB	254, 206, 105
RGB Percent	100%, 81%, 41%
CMY	0.0053, 0.1934, 0.5894
CMYK	0.00, 0.19, 0.59, 0.01
HSL	41°, 98%, 70%
HSV	41°, 59%, 99%
XYZ	65.2734, 66.0070, 22.5828
YIQ	208.8380, 61.0290, -21.2350

Conversions

Conversions Part 2

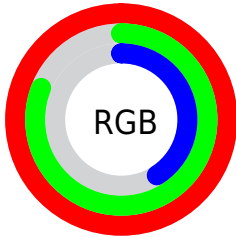
Format	Color
R_{YB}	176, 254, 105
Decimal	16698985
CIE _{Lab}	85.00, 5.79, 55.75
CIE _{LCh}	85, 56.051, 84.073
Yxy	66.0070, 0.4242, 0.4290
Android (android.graphics.Color)	4294889065 (0xFFFECE69)
YUV	208.8380, -51.1921, 39.6071
Hunter-Lab	81.2447, 1.2317, 40.3910

Details

The CIELCh color **85, 56.051, 84.073** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **64, 56.778, 283.711**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 47.839, 106.520**, and **65, 56.184, 84.177** is the 20% darker color. If you saturate the color by 10%, you get **83, 65.103, 82.534**, and if you desaturate by 10%, it is **87, 46.475, 85.537**.

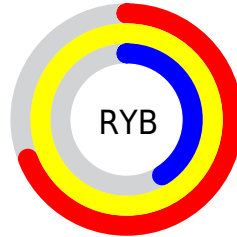
Distribution



Red (100%)

Green (81%)

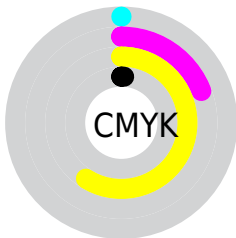
Blue (41%)



Red (69%)

Yellow (100%)

Blue (41%)

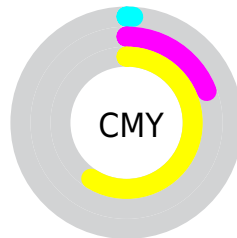


Cyan (0%)

Magenta (19%)

Yellow (59%)

Black (1%)



Cyan (1%)

Magenta (19%)

Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 56.051, 84.073 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, 56.051, 84.073 by changing the saturation by 10% instead.

 85, 56.051, 84.073

 85, 56.051, 84.073

 100, 56.051,
84.073

 75, 56.051, 84.073

 65, 56.051, 84.073

 55, 56.051, 84.073

 45, 56.051, 84.073

 35, 56.051, 84.073

 25, 56.051, 84.073

 15, 56.051, 84.073

 5, 56.051, 84.073

 0, 56.051, 84.073

85, 56.051, 84.073

85, 56.051, 84.073

83, 65.103, 82.534

87, 46.475, 85.537

81, 73.007, 80.840

90, 36.737, 86.945

79, 78.856, 78.862

92, 27.030, 88.311

77, 81.923, 76.439

95, 17.451, 89.634

76, 82.231, 76.119

97, 8.044, 90.901

100, 0.397,
224.427

100, 0.469,
200.788

Harmonies

Complementary

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



85, 56.051, 84.073



64, 56.778, 283.711

Rectangle

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



85, 56.051, 84.073



85, 56.051, 134.073



85, 56.051, 264.073



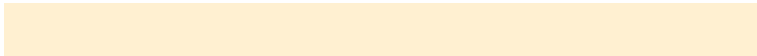
85, 56.051, 314.073

Sweetspot

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



85, 56.051, 84.077



95, 16.837, 89.727



64, 61.129, 2.318



50, 11.734, 89.348



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, 56.051, 84.077



83, 66.476, 82.325



95, 72.392, 112.667



52, 5.270, 90.805



59, 66.529, 76.639



19, 28.250, 79.398

Inverse Universe

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



64, 56.778, 283.711



58, 68.885, 287.307



54, 85.083, 303.115



50, 5.275, 273.299



32, 80.401, 297.307



8, 32.261, 292.271

Previews

White Background



This preview shows how the CIELCh color 85, 56.051, 84.073 looks on a white background.

Color Contrast Check

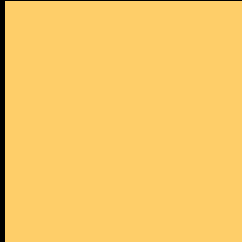
Large Text (above 18pt) WCAG AA × Fail

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, 56.051, 84.073 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, 56.051, 84.073

Background



This preview shows how black text looks on a background with the CIELCh color 85, 56.051, 84.073.



This preview shows how white text looks on a background with the CIELCh color 85, 56.051, 84.073.

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, 56.051, 84.073

Protanopia

85, 54.690, 95.681

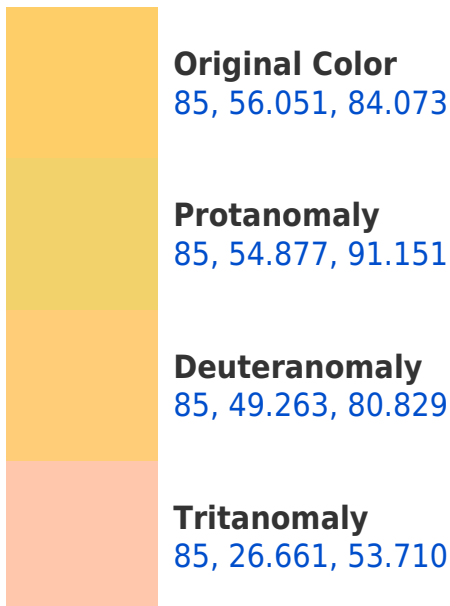
Deuteranopia

85, 44.964, 78.274



Tritanopia
85, 22.618, 3.830

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 56.051, 84.073 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, 206, 105)` looks like.

```
.text, #text, p{  
    color:rgb(254, 206, 105)  
}
```

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, 206, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 206, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 56.051, 84.073 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, 206, 105) }
```

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

```
.border{ border-color:rgb(254, 206, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 206, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 206, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 206, 105); box-shadow:4px 4px 4px 4px rgb(254, 206, 105) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 56.051, 84.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 206, 105) }
```

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

```
.background{ background-color: rgb(254,  
206, 105) }
```

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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