

Converting Colors

CIELCh(85, 59.933, 84.886)

Have a look what the booklet for
CIELCh(85, 59.933, 84.886) contains.

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Color

CIELCh(85, 59.987, 85.042)

Conversions

Conversions Part 1

Format	Color
Hex	FECE60
RGB	254, 206, 96
RGB Percent	100%, 81%, 38%
CMY	0.0042, 0.1924, 0.6238
CMYK	0.00, 0.19, 0.62, 0.00
HSL	42°, 99%, 69%
HSV	42°, 62%, 100%
XYZ	65.0059, 66.0070, 20.3642
YIQ	207.8120, 63.9180, -24.0340

Conversions

Conversions Part 2

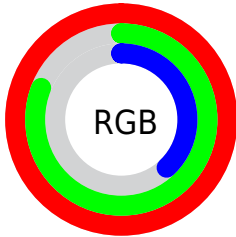
Format	Color
R _Y B	165, 254, 96
Decimal	16698976
CIE Lab	85.00, 5.18, 59.76
CIE LCh	85, 59.987, 85.042
Yxy	66.0070, 0.4294, 0.4360
Android (android.graphics.Color)	4294889056 (0xFFFECE60)
YUV	207.8120, -55.1233, 40.5069
Hunter-Lab	81.2447, 0.6440, 42.0101

Details

The CIELCh color **85, 59.987, 85.042** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **61, 62.081, 286.022**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 52.112, 106.190**, and **65, 59.889, 84.948** is the 20% darker color. If you saturate the color by 10%, you get **83, 68.677, 83.491**, and if you desaturate by 10%, it is **87, 50.528, 86.508**.

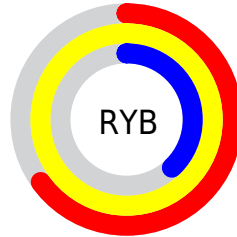
Distribution



Red (100%)

Green (81%)

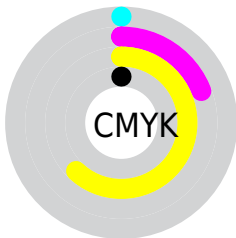
Blue (38%)



Red (65%)

Yellow (100%)

Blue (38%)

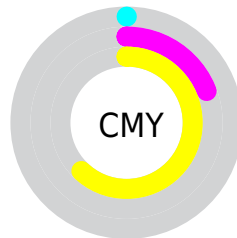


Cyan (0%)

Magenta (19%)

Yellow (62%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 59.987, 85.042 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, 59.987, 85.042 by changing the saturation by 10% instead.



85, 59.987, 85.042

85, 59.987, 85.042

83, 68.677, 83.491

87, 50.528, 86.508

81, 75.862, 81.767

89, 40.753, 87.915

79, 80.601, 79.730

92, 30.917, 89.281

78, 82.454, 77.873

94, 21.153, 90.606

97, 11.527, 91.884

99, 2.065, 93.022

100, 0.375,
201.147

Harmonies

Complementary

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



85, 59.987, 85.042



61, 62.081, 286.022

Rectangle

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



85, 59.987, 85.042



85, 59.987, 135.042



85, 59.987, 265.042



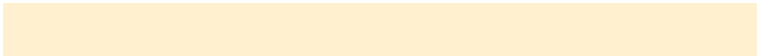
85, 59.987, 315.042

Sweetspot

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



85, 59.987, 85.045



95, 18.100, 91.022



63, 64.233, 4.501



50, 12.489, 90.652



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, 59.987, 85.045



83, 71.106, 83.031



95, 76.217, 113.289



52, 5.367, 92.219



60, 66.675, 78.364



20, 28.522, 81.083

Inverse Universe

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



61, 62.081, 286.022



54, 76.379, 290.201



52, 90.510, 303.988



50, 5.382, 274.683



31, 82.660, 298.252



8, 33.177, 293.347

Previews

White Background



This preview shows how the CIELCh color 85, 59.987, 85.042 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, 59.987, 85.042 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, 59.987, 85.042

Background



This preview shows how black text looks on a background with the CIELCh color 85, 59.987, 85.042.



This preview shows how white text looks on a background with the CIELCh color 85, 59.987, 85.042.

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
85, 22.506, 5.117

Trichromacy



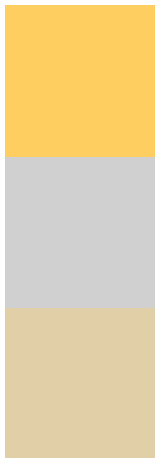
Original Color
85, 59.987, 85.042

Protanomaly
85, 59.019, 91.295

Deuteranomaly
85, 51.531, 81.685

Tritanomaly
85, 28.031, 56.934

Monochromacy



Original Color
85, 59.987, 85.042

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 22.179, 89.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 59.987, 85.042 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, 96)` looks like.

```
.text, #text, p{  
    color:rgb(254, 206, 96)  
}
```

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, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 206, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 59.987, 85.042 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, 96) }
```

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

```
.border{ border-color:rgb(254, 206, 96) }
```

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, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 206, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 206, 96);  
box-shadow:4px 4px 4px 4px rgb(254, 206,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 59.987, 85.042 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, 96) }
```

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

```
.background{ background-color: rgb(254,  
206, 96) }
```

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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