

Converting Colors

CIELCh(84, 75.088, 86.540)

Have a look what the booklet for
CIELCh(84, 75.088, 86.540) contains.

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Color

CIELCh(84, 75.245, 86.410)

Conversions

Conversions Part 1

Format	Color
Hex	FECB36
RGB	254, 203, 54
RGB Percent	100%, 80%, 21%
CMY	0.0038, 0.2038, 0.7881
CMYK	0.00, 0.20, 0.79, 0.00
HSL	45°, 99%, 60%
HSV	45°, 79%, 100%
XYZ	62.9113, 64.0658, 12.5438
YIQ	201.2630, 78.2250, -35.5270

Conversions

Conversions Part 2

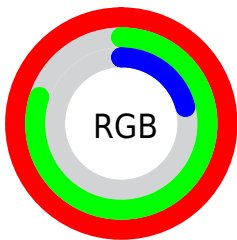
Format	Color
RYB	122, 254, 54
Decimal	16698166
CIELab	84.00, 4.71, 75.10
CIELCh	84, 75.245, 86.410
Yxy	64.0658, 0.4509, 0.4592
Android (android.graphics.Color)	4294888246 (0xFFFE CB36)
YUV	201.2630, -72.6007, 46.2503
Hunter-Lab	80.0411, 0.2269, 46.7370

Details

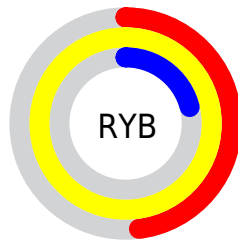
The CIELCh color **84, 75.245, 86.410** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **50, 86.368, 294.271**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 68.734, 104.921**, and **64, 68.484, 85.343** is the 20% darker color. If you saturate the color by 10%, you get **82, 80.601, 84.726**, and if you desaturate by 10%, it is **86, 67.639, 87.924**.

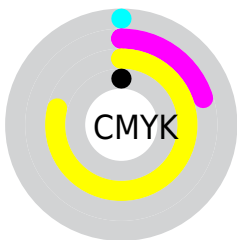
Distribution



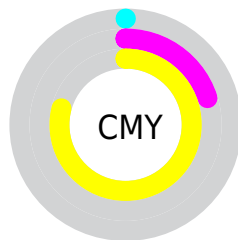
- Red (100%)
- Green (80%)
- Blue (21%)



- Red (48%)
- Yellow (100%)
- Blue (21%)



- Cyan (0%)
- Magenta (20%)
- Yellow (79%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 75.245, 86.410 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, 75.245, 86.410 by changing the saturation by 10% instead.

 84, 75.245, 86.410

 84, 75.245, 86.410

 100, 75.245,
86.410

 74, 75.245, 86.410

 64, 75.245, 86.410

 54, 75.245, 86.410

 44, 75.245, 86.410

 34, 75.245, 86.410

 24, 75.245, 86.410

 14, 75.245, 86.410

 4, 75.245, 86.410

 0, 75.245, 86.410

84, 75.245, 86.410

84, 75.245, 86.410

82, 80.601, 84.726

86, 67.639, 87.924

81, 83.112, 82.758

88, 58.655, 89.343

81, 83.343, 82.500

89, 48.940, 90.712

91, 38.897, 92.045

93, 28.757, 93.347

96, 18.647, 94.613

98, 8.630, 95.830

100, 0.298,
216.462

100, 0.338,
201.346

Harmonies

Complementary

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



84, 75.245, 86.410



50, 86.368, 294.271

Rectangle

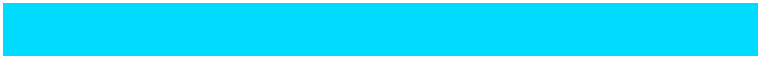
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 75.245, 86.410



84, 75.245, 136.410



84, 75.245, 266.410



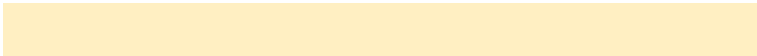
84, 75.245, 316.410

Sweetspot

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



84, 75.244, 86.413



95, 24.042, 93.950



57, 77.659, 14.280



50, 16.547, 93.496



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, 75.244, 86.413



82, 82.490, 83.721



94, 91.199, 115.428



52, 5.642, 95.738



62, 67.409, 82.903



21, 29.356, 85.390

Inverse Universe

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



50, 86.368, 294.271



42, 104.975, 299.244



42, 113.596, 306.829



50, 5.684, 278.115



29, 88.473, 300.475



7, 35.438, 295.684

Previews

White Background



This preview shows how the CIELCh color 84, 75.245, 86.410 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, 75.245, 86.410 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, 75.245, 86.410

Background



This preview shows how black text looks on a background with the CIELCh color 84, 75.245, 86.410.

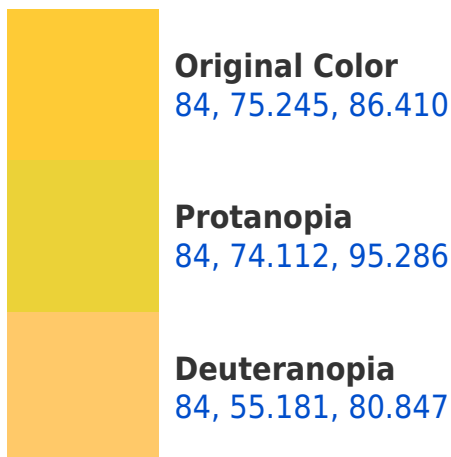


This preview shows how white text looks on a background with the CIELCh color 84, 75.245, 86.410.

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](#).

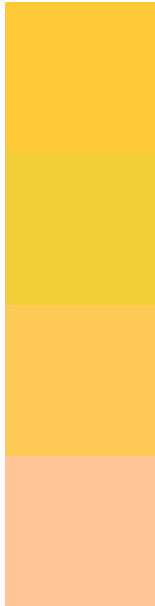
Dichromacy





Tritanopia
84, 24.066, 6.328

Trichromacy



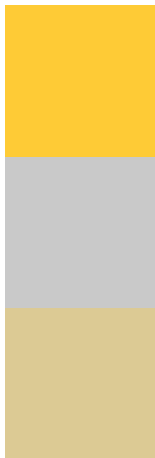
Original Color
84, 75.245, 86.410

Protanomaly
84, 74.264, 91.835

Deuteranomaly
84, 63.514, 83.616

Tritanomaly
84, 34.837, 64.815

Monochromacy



Original Color
84, 75.245, 86.410

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 29.330, 93.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 75.245, 86.410 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, 203, 54)` looks like.

```
.text, #text, p{  
    color:rgb(254, 203, 54)  
}
```

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, 203, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 203, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 75.245, 86.410 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, 203, 54) }
```

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

```
.border{ border-color:rgb(254, 203, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 203, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 203, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 203, 54);  
box-shadow:4px 4px 4px 4px rgb(254, 203,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 75.245, 86.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 203, 54) }
```

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

```
.background{ background-color: rgb(254,  
203, 54) }
```

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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