

Converting Colors

CIELCh(84, 73.151, 85.901)

Have a look what the booklet for
CIELCh(84, 73.151, 85.901) contains.

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Color

CIELCh(84, 72.983, 86.103)

Conversions

Conversions Part 1

Format	Color
Hex	FECB3D
RGB	254, 203, 61
RGB Percent	100%, 80%, 24%
CMY	0.0043, 0.2042, 0.7611
CMYK	0.00, 0.20, 0.76, 0.00
HSL	44°, 99%, 62%
HSV	44°, 76%, 100%
XYZ	63.0190, 64.0658, 13.4475
YIQ	202.0610, 75.9780, -33.3500

Conversions

Conversions Part 2

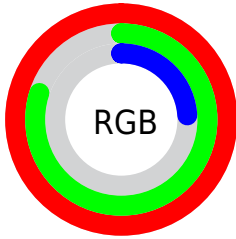
Format	Color
RYB	130, 254, 61
Decimal	16698173
CIELab	84.00, 4.96, 72.81
CIElCh	84, 72.983, 86.103
Yxy	64.0658, 0.4484, 0.4559
Android (android.graphics.Color)	4294888253 (0xFFFECEB3D)
YUV	202.0610, -69.5431, 45.5505
Hunter-Lab	80.0411, 0.4671, 46.0676

Details

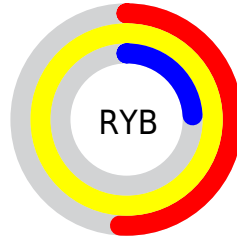
The CIELCh color **84, 72.983, 86.103** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **52, 81.932, 292.872**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 66.602, 105.082**, and **64, 68.484, 85.343** is the 20% darker color. If you saturate the color by 10%, you get **82, 79.091, 84.438**, and if you desaturate by 10%, it is **86, 64.899, 87.612**.

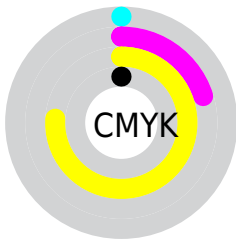
Distribution



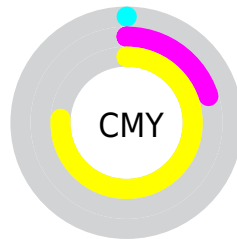
- Red (100%)
- Green (80%)
- Blue (24%)



- Red (51%)
- Yellow (100%)
- Blue (24%)



- Cyan (0%)
- Magenta (20%)
- Yellow (76%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 72.983, 86.103 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, 72.983, 86.103 by changing the saturation by 10% instead.

 84, 72.983, 86.103

 84, 72.983, 86.103

 100, 72.983,
86.103

 74, 72.983, 86.103

 64, 72.983, 86.103

 54, 72.983, 86.103

 44, 72.983, 86.103

 34, 72.983, 86.103

 24, 72.983, 86.103

 14, 72.983, 86.103

 4, 72.983, 86.103

 0, 72.983, 86.103

84, 72.983, 86.103

84, 72.983, 86.103

82, 79.091, 84.438

86, 64.899, 87.612

81, 82.380, 82.485

88, 55.670, 89.034

80, 83.104, 81.638

90, 45.868, 90.406

92, 35.836, 91.743

94, 25.765, 93.046

96, 15.758, 94.309

98, 5.866, 95.512

100, 0.378,
201.136

Harmonies

Complementary

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



84, 72.983, 86.103



52, 81.932, 292.872

Rectangle

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



84, 72.983, 86.103



84, 72.983, 136.103



84, 72.983, 266.103



84, 72.983, 316.103

Sweetspot

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



84, 72.982, 86.106



95, 22.825, 93.429



58, 75.657, 13.143



50, 15.831, 92.967



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, 72.982, 86.106



82, 81.392, 83.504



94, 89.197, 115.394



52, 5.589, 95.102



62, 67.233, 82.057



20, 29.187, 84.600

Inverse Universe

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



52, 81.932, 292.872



44, 100.174, 297.865



44, 110.091, 306.598



50, 5.625, 277.496



30, 87.407, 300.087



7, 35.033, 295.295

Previews

White Background



This preview shows how the CIELCh color 84, 72.983, 86.103 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, 72.983, 86.103 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, 72.983, 86.103

Background



This preview shows how black text looks on a background with the CIELCh color 84, 72.983, 86.103.



This preview shows how white text looks on a background with the CIELCh color 84, 72.983, 86.103.

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

84, 72.983, 86.103

Protanopia

84, 71.787, 95.232

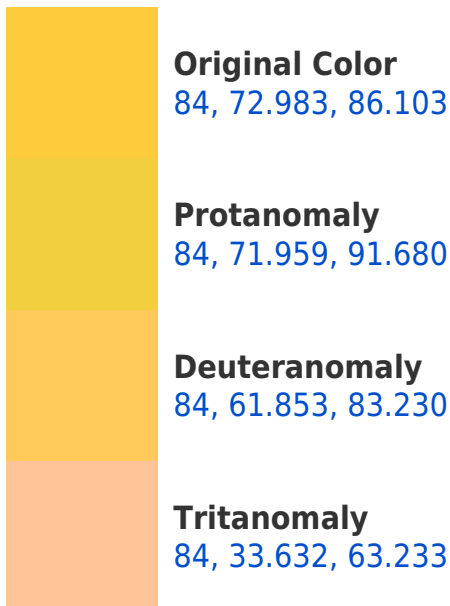
Deuteranopia

84, 54.739, 80.698



Tritanopia
84, 24.066, 6.328

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 72.983, 86.103 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, 61)` looks like.

```
.text, #text, p{  
    color:rgb(254, 203, 61)  
}
```

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, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 203, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 72.983, 86.103 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, 61) }
```

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

```
.border{ border-color:rgb(254, 203, 61) }
```

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, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 203, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 203, 61);  
box-shadow:4px 4px 4px 4px rgb(254, 203,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 72.983, 86.103 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, 61) }
```

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

```
.background{ background-color: rgb(254,  
203, 61) }
```

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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