

Converting Colors

CIELCh(84, 71.805, 88.762)

Have a look what the booklet for
CIELCh(84, 71.805, 88.762) contains.

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Color

CIELCh(84, 71.856, 88.816)

Conversions

Conversions Part 1

Format	Color
Hex	F8CD3F
RGB	248, 205, 63
RGB Percent	97%, 80%, 25%
CMY	0.0269, 0.1956, 0.7524
CMYK	0.00, 0.17, 0.75, 0.03
HSL	46°, 93%, 61%
HSV	46°, 75%, 97%
XYZ	61.5240, 64.0658, 13.8457
YIQ	201.6690, 71.2100, -35.0460

Conversions

Conversions Part 2

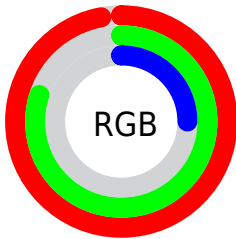
Format	Color
R _Y B	119, 248, 63
Decimal	16305471
CIE Lab	84.00, 1.48, 71.84
CIE LCh	84, 71.856, 88.816
Yxy	64.0658, 0.4412, 0.4595
Android (android.graphics.Color)	4294495551 (0xFFF8CD3F)
YUV	201.6690, -68.3638, 40.6323
Hunter-Lab	80.0411, -2.8669, 45.7726

Details

The CIELCh color **84, 71.856, 88.816** 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, 82.350, 294.077**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 65.737, 105.148**, and **64, 67.911, 88.506** is the 20% darker color. If you saturate the color by 10%, you get **82, 78.060, 87.319**, and if you desaturate by 10%, it is **86, 63.763, 90.216**.

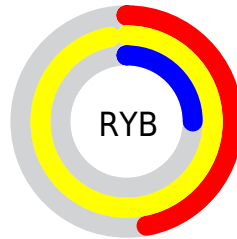
Distribution



Red (97%)

Green (80%)

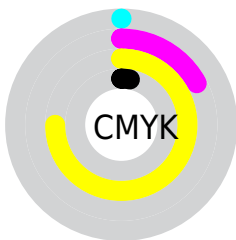
Blue (25%)



Red (47%)

Yellow (97%)

Blue (25%)

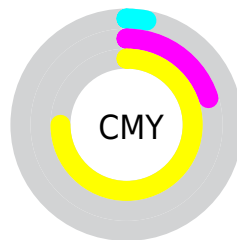


Cyan (0%)

Magenta (17%)

Yellow (75%)

Black (3%)



Cyan (3%)

Magenta (20%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 71.856, 88.816 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, 71.856, 88.816 by changing the saturation by 10% instead.

■ 84, 71.856, 88.816

■ 84, 71.856, 88.816

■ 100, 71.856,
88.816

■ 74, 71.856, 88.816

■ 64, 71.856, 88.816

■ 54, 71.856, 88.816

■ 44, 71.856, 88.816

■ 34, 71.856, 88.816

■ 24, 71.856, 88.816

■ 14, 71.856, 88.816

■ 4, 71.856, 88.816

■ 0, 71.856, 88.816

84, 71.856, 88.816

84, 71.856, 88.816

82, 78.060, 87.319

86, 63.763, 90.216

81, 81.567, 85.626

87, 54.553, 91.562

80, 82.483, 84.618

89, 44.761, 92.876

91, 34.712, 94.165

93, 24.594, 95.425

95, 14.508, 96.649

97, 4.508, 97.808

99, 2.178, 260.358

100, 2.378,
199.533

Harmonies

Complementary

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



84, 71.856, 88.816



50, 82.350, 294.077

Rectangle

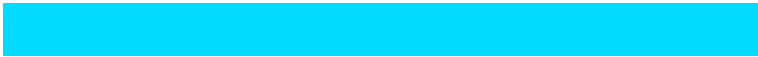
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 71.856, 88.816



84, 71.856, 138.816



84, 71.856, 268.816



84, 71.856, 318.816

Sweetspot

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



84, 71.856, 88.819



96, 22.504, 95.737



57, 73.624, 15.241



50, 15.138, 95.401



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, 71.856, 88.819



84, 81.706, 86.575



92, 87.077, 116.933



51, 5.681, 97.248



62, 67.242, 84.971



20, 28.652, 87.388

Inverse Universe

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



50, 82.350, 294.077



43, 102.213, 298.695



44, 105.868, 307.103



49, 5.733, 279.578



28, 90.032, 301.338



6, 34.874, 295.858

Previews

White Background



This preview shows how the CIELCh color 84, 71.856, 88.816 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, 71.856, 88.816 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, 71.856, 88.816

Background



This preview shows how black text looks on a background with the CIELCh color 84, 71.856, 88.816.

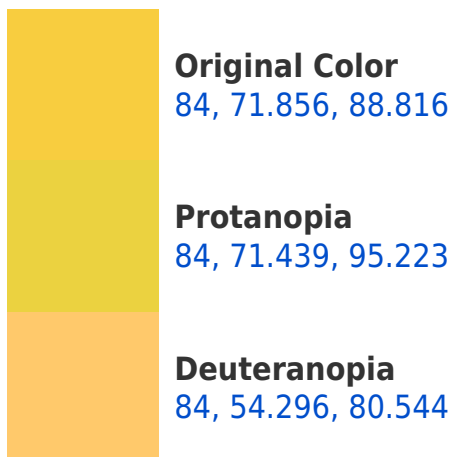


This preview shows how white text looks on a background with the CIELCh color 84, 71.856, 88.816.

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](#).

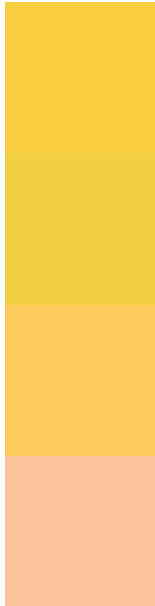
Dichromacy





Tritanopia
84, 24.273, 3.912

Trichromacy



Original Color
84, 71.856, 88.816

Protanomaly
84, 71.320, 92.716

Deuteranomaly
84, 61.283, 84.374

Tritanomaly
84, 32.222, 63.072

Monochromacy



Original Color
84, 71.856, 88.816

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 27.581, 94.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 71.856, 88.816 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(248, 205, 63)` looks like.

```
.text, #text, p{  
    color:rgb(248, 205, 63)  
}
```

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(248, 205, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 205, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 71.856, 88.816 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(248, 205, 63) }
```

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

```
.border{ border-color:rgb(248, 205, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 205, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 205, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 205, 63);  
box-shadow:4px 4px 4px 4px rgb(248, 205,  
63) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 71.856, 88.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 205, 63) }
```

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

```
.background{ background-color: rgb(248,  
205, 63) }
```

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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