

Converting Colors

CIELCh(86, 69.300, 88.826)

Have a look what the booklet for
CIELCh(86, 69.300, 88.826) contains.

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Color

CIELCh(86, 69.316, 88.755)

Conversions

Conversions Part 1

Format	Color
Hex	FED34C
RGB	254, 211, 76
RGB Percent	100%, 83%, 30%
CMY	0.0051, 0.1736, 0.7030
CMYK	0.00, 0.17, 0.70, 0.01
HSL	46°, 99%, 65%
HSV	46°, 70%, 99%
XYZ	65.2861, 67.9871, 16.4696
YIQ	208.4670, 68.9630, -32.8690

Conversions

Conversions Part 2

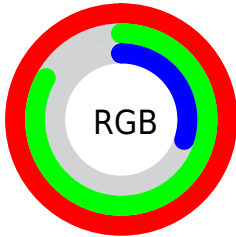
Format	Color
RYB	133, 254, 76
Decimal	16700236
CIELab	86.00, 1.51, 69.30
CIELCh	86, 69.316, 88.755
Yxy	67.9871, 0.4360, 0.4540
Android (android.graphics.Color)	4294890316 (0xFF FED34C)
YUV	208.4670, -65.3062, 39.9324
Hunter-Lab	82.4543, -2.9614, 45.8753

Details

The CIELCh color **86, 69.316, 88.755** 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 **54, 77.385, 292.247**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 60.423, 105.553**, and **66, 69.312, 88.951** is the 20% darker color. If you saturate the color by 10%, you get **84, 76.600, 87.276**, and if you desaturate by 10%, it is **88, 60.498, 90.153**.

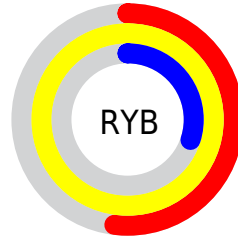
Distribution



Red (100%)

Green (83%)

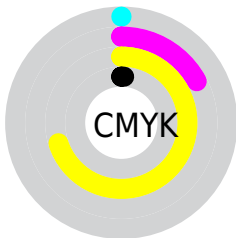
Blue (30%)



Red (52%)

Yellow (100%)

Blue (30%)

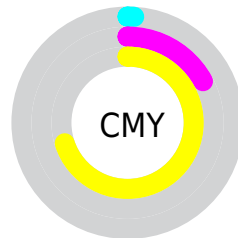


Cyan (0%)

Magenta (17%)

Yellow (70%)

Black (1%)



Cyan (1%)

Magenta (17%)

Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 69.316, 88.755 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 86, 69.316, 88.755 by changing the saturation by 10% instead.

 86, 69.316, 88.755

 86, 69.316, 88.755

 100, 69.316,
88.755

 76, 69.316, 88.755

 66, 69.316, 88.755

 56, 69.316, 88.755

 46, 69.316, 88.755

 36, 69.316, 88.755

 26, 69.316, 88.755

 16, 69.316, 88.755

 6, 69.316, 88.755

 0, 69.316, 88.755

86, 69.316, 88.755

86, 69.316, 88.755

84, 76.600, 87.276

88, 60.498, 90.153

83, 81.483, 85.629

90, 50.835, 91.503

81, 83.614, 83.767

91, 40.766, 92.821

93, 30.549, 94.111

95, 20.328, 95.367

97, 10.178, 96.580

100, 0.138, 96.216

100, 0.452,
200.845

Harmonies

Complementary

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



86, 69.316, 88.755



54, 77.385, 292.247

Rectangle

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



86, 69.316, 88.755



86, 69.316, 138.755



86, 69.316, 268.755



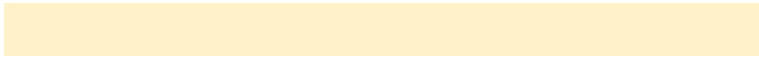
86, 69.316, 318.755

Sweetspot

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



86, 69.316, 88.758



96, 21.283, 95.261



59, 71.081, 12.261



50, 14.424, 94.917



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 69.316, 88.758



84, 79.129, 86.664



94, 84.601, 116.174



52, 5.723, 96.656



63, 67.700, 84.143



21, 29.615, 86.538

Inverse Universe

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



54, 77.385, 292.247



46, 94.872, 296.694



47, 101.874, 306.375



50, 5.771, 279.008



29, 90.020, 301.021



7, 36.018, 296.220

Previews

White Background



This preview shows how the CIELCh color 86, 69.316, 88.755 looks on a white background.

Color Contrast Check

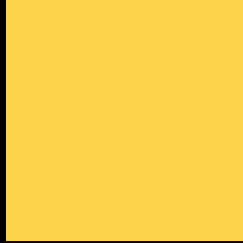
Large Text (above 18pt) WCAG AA × Fail

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 86, 69.316, 88.755 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 86, 69.316, 88.755

Background



This preview shows how black text looks on a background with the CIELCh color 86, 69.316, 88.755.



This preview shows how white text looks on a background with the CIELCh color 86, 69.316, 88.755.

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

86, 69.316, 88.755

Protanopia

86, 68.910, 95.331

Deuteranopia

86, 43.027, 79.802



Tritanopia
86, 20.972, 3.772

Trichromacy



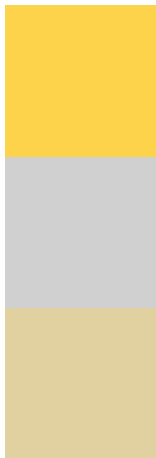
Original Color
86, 69.316, 88.755

Protanomaly
86, 68.771, 92.756

Deuteranomaly
86, 53.341, 84.365

Tritanomaly
86, 30.149, 66.335

Monochromacy



Original Color
86, 69.316, 88.755

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 26.424, 93.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 69.316, 88.755 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, 211, 76)` looks like.

```
.text, #text, p{  
    color:rgb(254, 211, 76)  
}
```

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, 211, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 211, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 69.316, 88.755 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, 211, 76) }
```

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

```
.border{ border-color:rgb(254, 211, 76) }
```

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

Here you see how a box with a 4 pixel rgb(254, 211, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 211, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 211, 76);  
box-shadow:4px 4px 4px 4px rgb(254, 211,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 69.316, 88.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 211, 76) }
```

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

```
.background{ background-color: rgb(254,  
211, 76) }
```

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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