

Converting Colors

CIELCh(86, 63.031, 87.467)

Have a look what the booklet for
CIELCh(86, 63.031, 87.467) contains.

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Color

CIELCh(86, 63.058, 87.433)

Conversions

Conversions Part 1

Format	Color
Hex	FED25B
RGB	254, 210, 91
RGB Percent	100%, 82%, 36%
CMY	0.0035, 0.1761, 0.6428
CMYK	0.00, 0.17, 0.64, 0.00
HSL	44°, 99%, 68%
HSV	44°, 64%, 100%
XYZ	65.8730, 67.9871, 19.5693
YIQ	209.5900, 64.4230, -27.6810

Conversions

Conversions Part 2

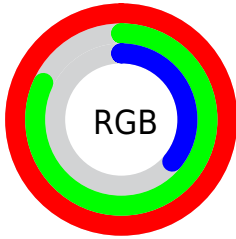
Format	Color
RYB	151, 254, 91
Decimal	16699995
CIELab	86.00, 2.82, 62.99
CIELCh	86, 63.058, 87.433
Yxy	67.9871, 0.4293, 0.4431
Android (android.graphics.Color)	4294890075 (0xFF FED25B)
YUV	209.5900, -58.4649, 38.9476
Hunter-Lab	82.4543, -1.6908, 43.6464

Details

The CIELCh color **86, 63.058, 87.433** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **59, 67.418, 288.758**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 54.455, 106.010**, and **66, 63.230, 87.430** is the 20% darker color. If you saturate the color by 10%, you get **84, 71.428, 85.935**, and if you desaturate by 10%, it is **88, 53.687, 88.857**.

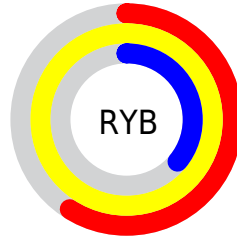
Distribution



Red (100%)

Green (82%)

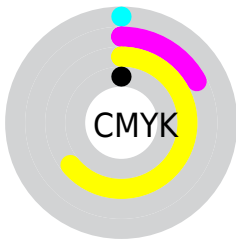
Blue (36%)



Red (59%)

Yellow (100%)

Blue (36%)

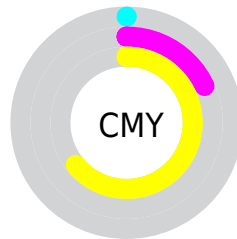


Cyan (0%)

Magenta (17%)

Yellow (64%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 63.058, 87.433 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, 63.058, 87.433 by changing the saturation by 10% instead.

86, 63.058, 87.433

86, 63.058, 87.433

100, 63.058,
87.433

76, 63.058, 87.433

66, 63.058, 87.433

56, 63.058, 87.433

46, 63.058, 87.433

36, 63.058, 87.433

26, 63.058, 87.433

16, 63.058, 87.433

6, 63.058, 87.433

0, 63.058, 87.433

86, 63.058, 87.433

86, 63.058, 87.433

84, 71.428, 85.935

88, 53.687, 88.857

82, 78.008, 84.283

90, 43.836, 90.231

81, 81.907, 82.358

92, 33.812, 91.569

80, 83.029, 81.093

94, 23.784, 92.871

96, 13.840, 94.131

99, 4.022, 95.314

100, 0.312,
201.513

Harmonies

Complementary

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



86, 63.058, 87.433



59, 67.418, 288.758

Rectangle

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



86, 63.058, 87.433



86, 63.058, 137.433



86, 63.058, 267.433



86, 63.058, 317.433

Sweetspot

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



86, 63.058, 87.436



96, 18.702, 93.525



62, 65.827, 7.646



50, 12.896, 93.163



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, 63.058, 87.436



84, 73.733, 85.481



95, 78.581, 114.765



52, 5.556, 94.697



61, 67.131, 81.524



20, 29.084, 84.100

Inverse Universe

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



59, 67.418, 288.758



51, 82.711, 292.885



51, 93.387, 304.990



50, 5.589, 277.102



30, 86.731, 299.837



7, 34.774, 295.040

Previews

White Background



This preview shows how the CIELCh color 86, 63.058, 87.433 looks on a white background.

Color Contrast Check

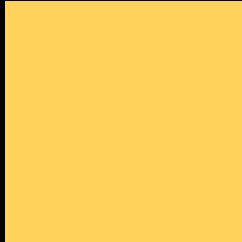
Large Text (above 18pt) WCAG AA × Fail

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, 63.058, 87.433 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, 63.058, 87.433

Background



This preview shows how black text looks on a background with the CIELCh color 86, 63.058, 87.433.



This preview shows how white text looks on a background with the CIELCh color 86, 63.058, 87.433.

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, 63.058, 87.433

Protanopia

86, 62.239, 95.806

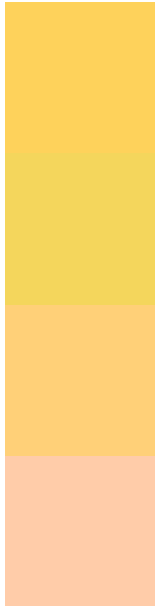
Deuteranopia

86, 41.902, 78.543



Tritanopia
86, 20.972, 3.772

Trichromacy



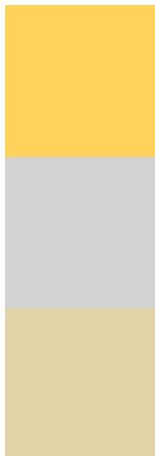
Original Color
86, 63.058, 87.433

Protanomaly
86, 62.481, 93.014

Deuteranomaly
86, 49.922, 82.745

Tritanomaly
86, 27.715, 61.252

Monochromacy



Original Color
86, 63.058, 87.433

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 23.377, 92.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 63.058, 87.433 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, 210, 91)` looks like.

```
.text, #text, p{  
    color:rgb(254, 210, 91)  
}
```

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, 210, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 210, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 63.058, 87.433 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, 210, 91) }
```

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

```
.border{ border-color:rgb(254, 210, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 210, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 210, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 210, 91);  
box-shadow:4px 4px 4px 4px rgb(254, 210,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 63.058, 87.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 210, 91) }
```

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

```
.background{ background-color: rgb(254,  
210, 91) }
```

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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