

Converting Colors

CIELCh(86, 64.560, 87.530)

Have a look what the booklet for
CIELCh(86, 64.560, 87.530) contains.

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Color

CIELCh(86, 64.306, 87.639)

Conversions

Conversions Part 1

Format	Color
Hex	FED258
RGB	254, 210, 88
RGB Percent	100%, 82%, 35%
CMY	0.0032, 0.1758, 0.6543
CMYK	0.00, 0.17, 0.65, 0.00
HSL	44°, 99%, 67%
HSV	44°, 65%, 100%
XYZ	65.7948, 67.9871, 18.9229
YIQ	209.2480, 65.3860, -28.6140

Conversions

Conversions Part 2

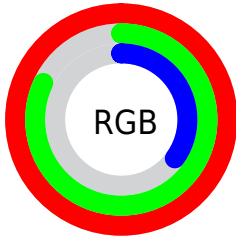
Format	Color
RYB	148, 254, 88
Decimal	16699992
CIELab	86.00, 2.65, 64.25
CIElCh	86, 64.306, 87.639
Yxy	67.9871, 0.4309, 0.4452
Android (android.graphics.Color)	4294890072 (0xFF FED258)
YUV	209.2480, -59.7753, 39.2475
Hunter-Lab	82.4543, -1.8600, 44.1112

Details

The CIELCh color **86, 64.306, 87.639** 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 **58, 69.255, 289.404**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 55.386, 105.939**, and **66, 64.357, 87.578** is the 20% darker color. If you saturate the color by 10%, you get **84, 72.502, 86.141**, and if you desaturate by 10%, it is **88, 55.015, 89.061**.

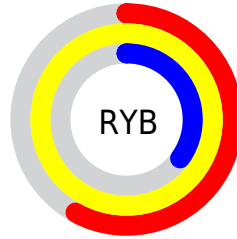
Distribution



Red (100%)

Green (82%)

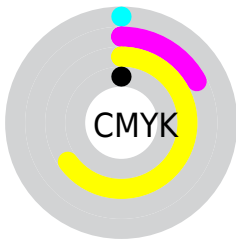
Blue (35%)



Red (58%)

Yellow (100%)

Blue (35%)

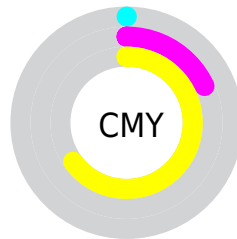


Cyan (0%)

Magenta (17%)

Yellow (65%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (65%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 64.306, 87.639 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, 64.306, 87.639 by changing the saturation by 10% instead.

 86, 64.306, 87.639

 86, 64.306, 87.639

 100, 64.306,
87.639

 76, 64.306, 87.639

 66, 64.306, 87.639

 56, 64.306, 87.639

 46, 64.306, 87.639

 36, 64.306, 87.639

 26, 64.306, 87.639

 16, 64.306, 87.639

 6, 64.306, 87.639

 0, 64.306, 87.639

86, 64.306, 87.639

86, 64.306, 87.639

84, 72.502, 86.141

88, 55.015, 89.061

82, 78.786, 84.484

90, 45.182, 90.432

81, 82.297, 82.549

92, 35.139, 91.768

80, 83.150, 81.550

94, 25.068, 93.069

96, 15.067, 94.330

99, 5.184, 95.527

100, 0.285,
201.717

Harmonies

Complementary

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



86, 64.306, 87.639



58, 69.255, 289.404

Rectangle

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



86, 64.306, 87.639



86, 64.306, 137.639



86, 64.306, 267.639



86, 64.306, 317.639

Sweetspot

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



86, 64.306, 87.642



96, 19.793, 93.745



61, 66.876, 9.313



50, 13.528, 93.389



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, 64.306, 87.642



84, 74.607, 85.713



94, 79.967, 115.496



52, 5.584, 95.038



62, 67.216, 81.973



20, 29.171, 84.521

Inverse Universe

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



58, 69.255, 289.404



51, 84.502, 293.489



50, 95.086, 305.503



50, 5.620, 277.434



30, 87.301, 300.048



7, 34.992, 295.256

Previews

White Background



This preview shows how the CIELCh color 86, 64.306, 87.639 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, 64.306, 87.639 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, 64.306, 87.639

Background



This preview shows how black text looks on a background with the CIELCh color 86, 64.306, 87.639.



This preview shows how white text looks on a background with the CIELCh color 86, 64.306, 87.639.

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, 64.306, 87.639

Protanopia

86, 63.589, 95.482

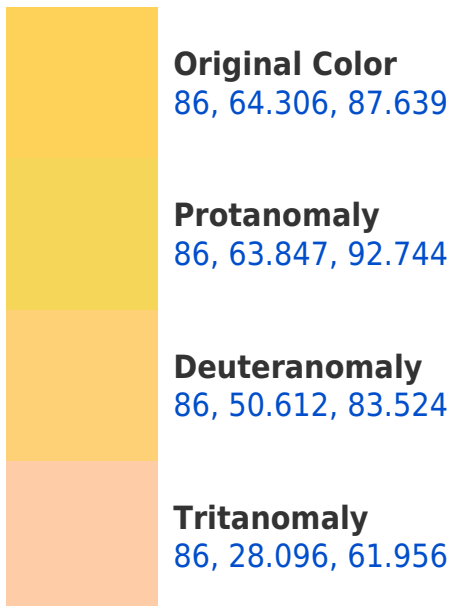
Deuteranopia

86, 42.107, 79.316



Tritanopia
86, 20.972, 3.772

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 64.306, 87.639 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, 88)` looks like.

```
.text, #text, p{  
    color:rgb(254, 210, 88)  
}
```

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, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 210, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 64.306, 87.639 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, 88) }
```

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

```
.border{ border-color:rgb(254, 210, 88) }
```

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, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 210, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 210, 88);  
box-shadow:4px 4px 4px 4px rgb(254, 210,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 64.306, 87.639 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, 88) }
```

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

```
.background{ background-color: rgb(254,  
210, 88) }
```

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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