

Converting Colors

CIELCh(86, 68.171, 92.304)

Have a look what the booklet for
CIELCh(86, 68.171, 92.304) contains.

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Color

CIELCh(86, 68.105, 92.313)

Conversions

Conversions Part 1

Format	Color
Hex	F6D54E
RGB	246, 213, 78
RGB Percent	96%, 84%, 31%
CMY	0.0338, 0.1633, 0.6927
CMYK	0.00, 0.13, 0.68, 0.03
HSL	48°, 91%, 64%
HSV	48°, 68%, 97%
XYZ	63.4153, 67.9871, 17.0560
YIQ	207.4770, 63.0030, -34.9890

Conversions

Conversions Part 2

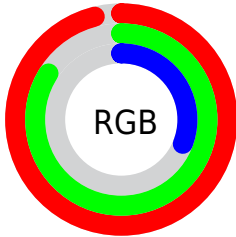
Format	Color
RYB	119, 246, 78
Decimal	16176462
CIELab	86.00, -2.75, 68.05
CIELCh	86, 68.105, 92.313
Yxy	67.9871, 0.4272, 0.4580
Android (android.graphics.Color)	4294366542 (0xFFFF6D54E)
YUV	207.4770, -63.8322, 33.7847
Hunter-Lab	82.4543, -7.0113, 45.4536

Details

The CIELCh color **86, 68.105, 92.313** 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, 77.875, 293.949**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 59.971, 105.587**, and **66, 68.140, 92.419** is the 20% darker color. If you saturate the color by 10%, you get **85, 75.498, 91.018**, and if you desaturate by 10%, it is **87, 59.246, 93.584**.

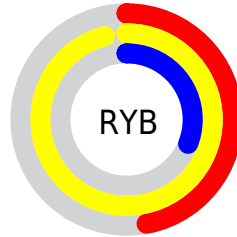
Distribution



Red (96%)

Green (84%)

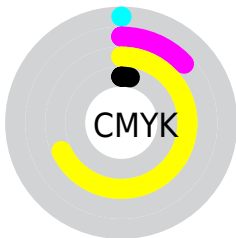
Blue (31%)



Red (47%)

Yellow (96%)

Blue (31%)

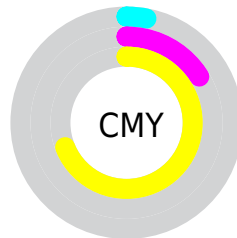


Cyan (0%)

Magenta (13%)

Yellow (68%)

Black (3%)



Cyan (3%)

Magenta (16%)

Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 68.105, 92.313 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, 68.105, 92.313 by changing the saturation by 10% instead.

 86, 68.105, 92.313

 86, 68.105, 92.313

 100, 68.105,
92.313

 76, 68.105, 92.313

 66, 68.105, 92.313

 56, 68.105, 92.313

 46, 68.105, 92.313

 36, 68.105, 92.313

 26, 68.105, 92.313

 16, 68.105, 92.313

 6, 68.105, 92.313

 0, 68.105, 92.313

86, 68.105, 92.313

86, 68.105, 92.313

85, 75.498, 91.018

87, 59.246, 93.584

83, 80.632, 89.650

89, 49.547, 94.838

82, 82.975, 88.144

90, 39.415, 96.079

82, 83.254, 87.866

92, 29.097, 97.303

94, 18.733, 98.500

96, 8.401, 99.658

97, 1.856, 280.909

99, 2.453, 236.558

99, 2.980, 199.439

Harmonies

Complementary

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



86, 68.105, 92.313



52, 77.875, 293.949

Rectangle

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



86, 68.105, 92.313



86, 68.105, 142.313



86, 68.105, 272.313



86, 68.105, 322.313

Sweetspot

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



86, 68.105, 92.316



96, 21.185, 98.282



58, 68.249, 15.498



51, 14.464, 97.947



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, 68.105, 92.316



87, 79.895, 90.489



91, 81.763, 118.426



50, 5.800, 99.512



63, 67.557, 88.163



20, 28.232, 90.406

Inverse Universe

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



52, 77.875, 293.949



45, 98.191, 298.134



48, 96.493, 307.300



48, 5.869, 281.768



26, 92.774, 302.565



5, 34.437, 296.017

Previews

White Background



This preview shows how the CIELCh color 86, 68.105, 92.313 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, 68.105, 92.313 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, 68.105, 92.313

Background



This preview shows how black text looks on a background with the CIELCh color 86, 68.105, 92.313.



This preview shows how white text looks on a background with the CIELCh color 86, 68.105, 92.313.

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, 68.105, 92.313

Protanopia

86, 68.057, 95.661

Deuteranopia

86, 42.819, 79.049



Tritanopia
86, 21.238, 1.054

Trichromacy



Original Color
86, 68.105, 92.313

Protanomaly
86, 67.913, 94.540

Deuteranomaly
86, 52.376, 85.513

Tritanomaly
86, 28.476, 66.864

Monochromacy



Original Color
86, 68.105, 92.313

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 26.049, 97.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 68.105, 92.313 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(246, 213, 78)` looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 78)  
}
```

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(246, 213, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 68.105, 92.313 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(246, 213, 78) }
```

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

```
.border{ border-color:rgb(246, 213, 78) }
```

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

Here you see how a box with a 4 pixel rgb(246, 213, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 78);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 68.105, 92.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 78) }
```

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

```
.background{ background-color: rgb(246,  
213, 78) }
```

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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