

Converting Colors

CIELCh(84, 52.696, 86.345)

Have a look what the booklet for
CIELCh(84, 52.696, 86.345) contains.

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Color

CIELCh(84, 52.659, 86.376)

Conversions

Conversions Part 1

Format	Color
Hex	F6CD6D
RGB	246, 205, 109
RGB Percent	96%, 80%, 43%
CMY	0.0371, 0.1977, 0.5741
CMYK	0.00, 0.17, 0.56, 0.04
HSL	42°, 88%, 69%
HSV	42°, 56%, 96%
XYZ	62.3142, 64.0658, 23.4366
YIQ	206.3150, 55.2520, -21.1640

Conversions

Conversions Part 2

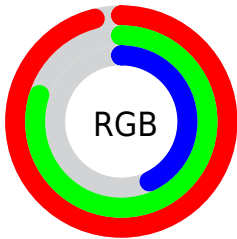
Format	Color
RYB	168, 246, 109
Decimal	16174445
CIELab	84.00, 3.33, 52.55
CIElCh	84, 52.659, 86.376
Yxy	64.0658, 0.4159, 0.4276
Android (android.graphics.Color)	4294364525 (0xFFFF6CD6D)
YUV	206.3150, -47.9763, 34.8037
Hunter-Lab	80.0411, -1.1048, 38.6683

Details

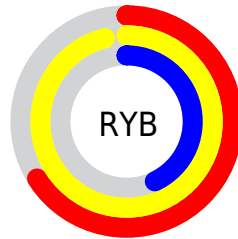
The CIELCh color **84, 52.659, 86.376** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **63, 54.064, 284.407**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 45.919, 106.668**, and **64, 52.709, 86.284** is the 20% darker color. If you saturate the color by 10%, you get **82, 61.667, 84.901**, and if you desaturate by 10%, it is **86, 43.206, 87.796**.

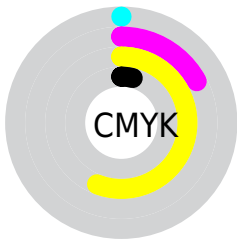
Distribution



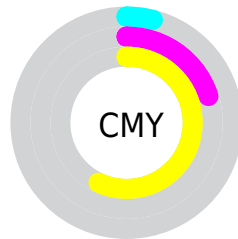
- Red (96%)
- Green (80%)
- Blue (43%)



- Red (66%)
- Yellow (96%)
- Blue (43%)



- Cyan (0%)
- Magenta (17%)
- Yellow (56%)
- Black (4%)



- Cyan (4%)
- Magenta (20%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 52.659, 86.376 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, 52.659, 86.376 by changing the saturation by 10% instead.

 84, 52.659, 86.376

 84, 52.659, 86.376

 100, 52.659,
86.376

 74, 52.659, 86.376

 64, 52.659, 86.376

 54, 52.659, 86.376

 44, 52.659, 86.376

 34, 52.659, 86.376

 24, 52.659, 86.376

 14, 52.659, 86.376

 4, 52.659, 86.376

 0, 52.659, 86.376

84, 52.659, 86.376

84, 52.659, 86.376

82, 61.667, 84.901

86, 43.206, 87.796

80, 69.700, 83.313

88, 33.614, 89.168

78, 75.953, 81.521

91, 24.048, 90.502

76, 79.540, 79.368

93, 14.593, 91.792

75, 80.445, 78.368

95, 5.286, 93.015

98, 3.407, 272.070

99, 3.272, 199.400

Harmonies

Complementary

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



84, 52.659, 86.376



63, 54.064, 284.407

Rectangle

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



84, 52.659, 86.376



84, 52.659, 136.376



84, 52.659, 266.376



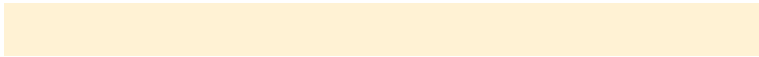
84, 52.659, 316.376

Sweetspot

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



84, 52.659, 86.380



96, 16.238, 91.632



64, 56.423, 4.077



51, 10.881, 91.374



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, 52.659, 86.380



85, 64.661, 84.693



92, 67.750, 114.342



50, 5.215, 92.574



59, 65.400, 78.852



18, 26.278, 81.651

Inverse Universe

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



63, 54.064, 284.407



59, 67.967, 287.830



55, 78.372, 303.529



48, 5.232, 275.020



30, 81.412, 298.417



7, 30.845, 292.451

Previews

White Background



This preview shows how the CIELCh color 84, 52.659, 86.376 looks on a white background.

Color Contrast Check

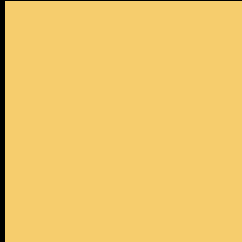
Large Text (above 18pt) WCAG AA × Fail

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, 52.659, 86.376 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, 52.659, 86.376

Background



This preview shows how black text looks on a background with the CIELCh color 84, 52.659, 86.376.



This preview shows how white text looks on a background with the CIELCh color 84, 52.659, 86.376.

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

84, 52.659, 86.376

Protanopia

84, 51.921, 95.831

Deuteranopia

84, 49.195, 77.942



Tritanopia
84, 24.034, 2.391

Trichromacy



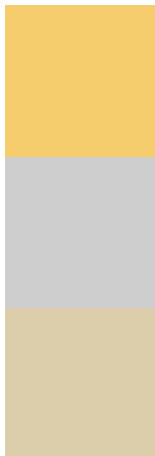
Original Color
84, 52.659, 86.376

Protanomaly
84, 52.187, 92.523

Deuteranomaly
84, 50.300, 81.094

Tritanomaly
84, 25.438, 51.486

Monochromacy



Original Color
84, 52.659, 86.376

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 18.832, 90.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 52.659, 86.376 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, 205, 109)` looks like.

```
.text, #text, p{  
    color:rgb(246, 205, 109)  
}
```

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, 205, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 205, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 52.659, 86.376 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, 205, 109) }
```

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

```
.border{ border-color:rgb(246, 205, 109) }
```

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

Here you see how a box with a 4 pixel rgb(246, 205, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 205, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 205, 109);  
box-shadow:4px 4px 4px 4px rgb(246, 205,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 52.659, 86.376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 205, 109) }
```

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

```
.background{ background-color: rgb(246,  
205, 109) }
```

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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