

Converting Colors

CIELCh(84, 54.615, 81.449)

Have a look what the booklet for
CIELCh(84, 54.615, 81.449) contains.

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Color

CIELCh(84, 54.536, 81.097)

Conversions

Conversions Part 1

Format	Color
Hex	FEC96A
RGB	254, 201, 106
RGB Percent	100%, 79%, 42%
CMY	0.0028, 0.2107, 0.5833
CMYK	0.00, 0.21, 0.58, 0.00
HSL	39°, 99%, 71%
HSV	39°, 58%, 100%
XYZ	64.5401, 64.0658, 22.6677
YIQ	206.0170, 62.0830, -18.3090

Conversions

Conversions Part 2

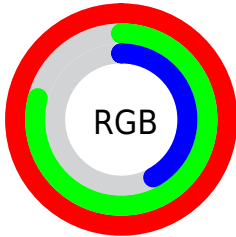
Format	Color
RYB	189, 254, 106
Decimal	16697706
CIELab	84.00, 8.44, 53.88
CIElCh	84, 54.536, 81.097
Yxy	64.0658, 0.4266, 0.4235
Android (android.graphics.Color)	4294887786 (0xFFFE96A)
YUV	206.0170, -49.3084, 42.0811
Hunter-Lab	80.0411, 3.8593, 39.2378

Details

The CIELCh color **84, 54.536, 81.097** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **66, 53.498, 280.883**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 47.360, 106.557**, and **64, 54.467, 80.999** is the 20% darker color. If you saturate the color by 10%, you get **82, 63.728, 79.529**, and if you desaturate by 10%, it is **87, 44.957, 82.582**.

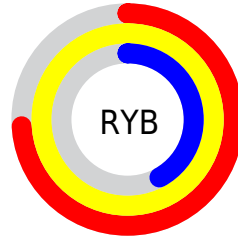
Distribution



Red (100%)

Green (79%)

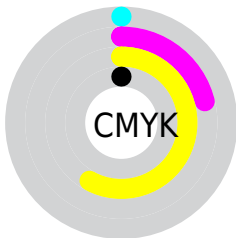
Blue (42%)



Red (74%)

Yellow (100%)

Blue (42%)

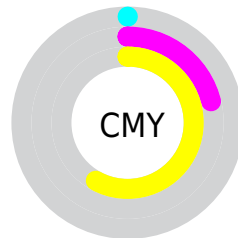


Cyan (0%)

Magenta (21%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 54.536, 81.097 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, 54.536, 81.097 by changing the saturation by 10% instead.

84, 54.536, 81.097

84, 54.536, 81.097

100, 54.536,
81.097

74, 54.536, 81.097

64, 54.536, 81.097

54, 54.536, 81.097

44, 54.536, 81.097

34, 54.536, 81.097

24, 54.536, 81.097

14, 54.536, 81.097

4, 54.536, 81.097

0, 54.536, 81.097

84, 54.536, 81.097

84, 54.536, 81.097

82, 63.728, 79.529

87, 44.957, 82.582

79, 71.943, 77.786

89, 35.319, 84.009

77, 78.269, 75.720

92, 25.790, 85.391

75, 81.843, 73.125

95, 16.447, 86.731

74, 82.346, 72.641

97, 7.321, 88.011

100, 0.248,
202.068

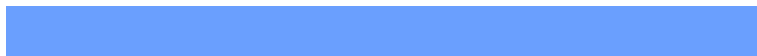
Harmonies

Complementary

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



84, 54.536, 81.097



66, 53.498, 280.883

Rectangle

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



84, 54.536, 81.097



84, 54.536, 131.097



84, 54.536, 261.097



84, 54.536, 311.097

Sweetspot

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



84, 54.536, 81.101



95, 15.360, 86.890



65, 61.257, 359.722



50, 10.300, 86.626



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, 54.536, 81.101



81, 65.435, 79.232



96, 71.731, 111.133



52, 5.087, 87.851



57, 66.451, 73.222



19, 27.787, 75.967

Inverse Universe

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



66, 53.498, 280.883



60, 65.159, 284.743



54, 84.527, 302.256



50, 5.071, 270.395



34, 75.862, 295.248



9, 30.428, 289.892

Previews

White Background



This preview shows how the CIELCh color 84, 54.536, 81.097 looks on a white background.

Color Contrast Check

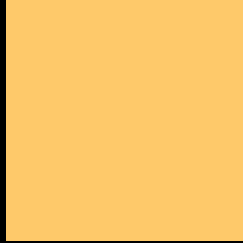
Large Text (above 18pt) WCAG AA × Fail

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, 54.536, 81.097 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, 54.536, 81.097

Background



This preview shows how black text looks on a background with the CIELCh color 84, 54.536, 81.097.



This preview shows how white text looks on a background with the CIELCh color 84, 54.536, 81.097.

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, 54.536, 81.097

Protanopia

84, 52.387, 95.869

Deuteranopia

84, 49.643, 78.147



Tritanopia
84, 24.163, 5.115

Trichromacy



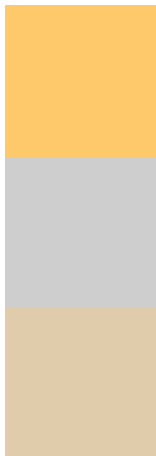
Original Color
84, 54.536, 81.097

Protanomaly
84, 52.687, 90.694

Deuteranomaly
84, 51.435, 78.921

Tritanomaly
84, 27.558, 50.242

Monochromacy



Original Color
84, 54.536, 81.097

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 19.575, 84.918

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 54.536, 81.097 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, 201, 106)` looks like.

```
.text, #text, p{  
    color:rgb(254, 201, 106)  
}
```

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, 201, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 201, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 54.536, 81.097 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, 201, 106) }
```

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

```
.border{ border-color:rgb(254, 201, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 201, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 201, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 201, 106);  
box-shadow:4px 4px 4px 4px rgb(254, 201,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 54.536, 81.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 201, 106) }
```

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

```
.background{ background-color: rgb(254,  
201, 106) }
```

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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