

Converting Colors

CIELCh(86, 34.442, 71.807)

Have a look what the booklet for
CIELCh(86, 34.442, 71.807) contains.

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Color

CIELCh(86, 34.084, 71.929)

Conversions

Conversions Part 1

Format	Color
Hex	FFCE9A
RGB	255, 206, 154
RGB Percent	100%, 81%, 60%
CMY	0.0000, 0.1908, 0.3948
CMYK	0.00, 0.19, 0.39, 0.00
HSL	31°, 100%, 80%
HSV	31°, 39%, 100%
XYZ	69.3946, 67.9871, 40.1843
YIQ	214.7230, 45.8960, -5.7840

Conversions

Conversions Part 2

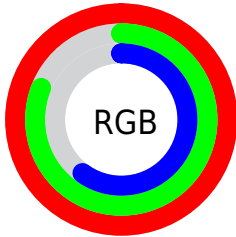
Format	Color
R _Y B	249, 255, 154
Decimal	16764570
CIE Lab	86.00, 10.57, 32.40
CIE LCh	86, 34.084, 71.929
Yxy	67.9871, 0.3908, 0.3829
Android (android.graphics.Color)	4294954650 (0xFFFFCE9A)
YUV	214.7230, -29.9364, 35.3229
Hunter-Lab	82.4543, 5.9328, 28.8229

Details

The CIELCh color **86, 34.084, 71.929** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 30.703, 264.130**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 23.230, 108.417**, and **66, 34.373, 72.015** is the 20% darker color. If you saturate the color by 10%, you get **83, 43.508, 70.811**, and if you desaturate by 10%, it is **89, 24.818, 73.447**.

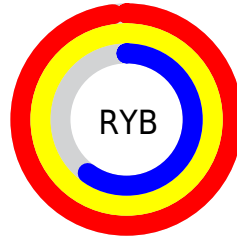
Distribution



Red (100%)

Green (81%)

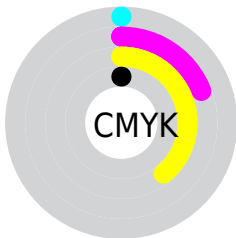
Blue (60%)



Red (98%)

Yellow (100%)

Blue (60%)

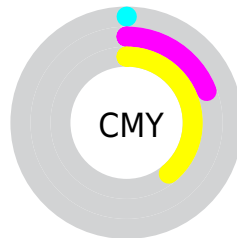


Cyan (0%)

Magenta (19%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 34.084, 71.929 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, 34.084, 71.929 by changing the saturation by 10% instead.

 86, 34.084, 71.929

 86, 34.084, 71.929

 100, 34.084,
71.929

 76, 34.084, 71.929

 66, 34.084, 71.929

 56, 34.084, 71.929

 46, 34.084, 71.929

 36, 34.084, 71.929

 26, 34.084, 71.929

 16, 34.084, 71.929

 6, 34.084, 71.929

 0, 34.084, 71.929

86, 34.084, 71.929

86, 34.084, 71.929

83, 43.508, 70.811

89, 24.818, 73.447

79, 53.264, 69.445

93, 16.033, 74.733

76, 62.988, 67.989

97, 7.627, 75.978

73, 72.124, 66.320

100, 0.012,
296.813

71, 79.691, 64.189

68, 84.750, 61.336

68, 84.996, 61.188

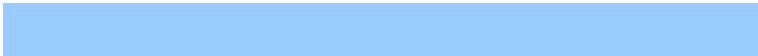
Harmonies

Complementary

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



86, 34.084, 71.929



80, 30.703, 264.130

Rectangle

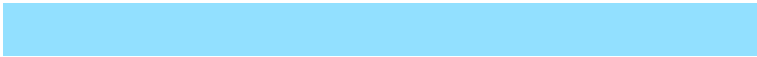
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 34.084, 71.929



86, 34.084, 121.929



86, 34.084, 251.929



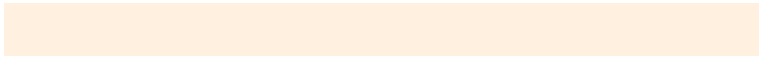
86, 34.084, 301.929

Sweetspot

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



86, 33.988, 72.139



96, 9.715, 75.671



75, 44.643, 348.614



50, 6.463, 75.509



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, 33.988, 72.139



83, 41.124, 71.142



98, 50.066, 107.108



51, 4.577, 75.975



52, 68.237, 61.893



16, 27.013, 63.508

Inverse Universe

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



80, 30.703, 264.130



76, 36.381, 266.064



68, 55.506, 296.017



50, 4.487, 258.534



40, 60.292, 285.789



12, 24.463, 279.369

Previews

White Background



This preview shows how the CIE LCh color 86, 34.084, 71.929 looks on a white background.

Color Contrast Check

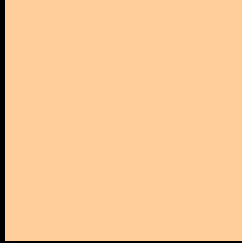
Large Text (above 18pt) WCAG AA × Fail

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, 34.084, 71.929 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, 34.084, 71.929

Background



This preview shows how black text looks on a background with the CIELCh color 86, 34.084, 71.929.



This preview shows how white text looks on a background with the CIELCh color 86, 34.084, 71.929.

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





Tritanopia
86, 21.098, 2.404

Trichromacy



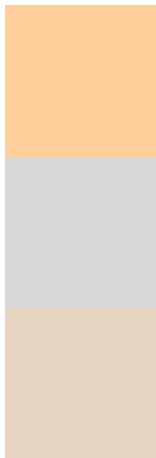
Original Color
86, 34.084, 71.929

Protanomaly
86, 30.881, 86.279

Deuteranomaly
86, 33.649, 71.491

Tritanomaly
86, 20.953, 36.591

Monochromacy



Original Color
86, 34.084, 71.929

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 12.060, 74.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 34.084, 71.929 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(255, 206, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 154)  
}
```

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(255, 206, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 34.084, 71.929 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(255, 206, 154) }
```

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

```
.border{ border-color:rgb(255, 206, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 34.084, 71.929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 154) }
```

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

```
.background{ background-color: rgb(255,  
206, 154) }
```

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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