

Converting Colors

CIELCh(98, 73.152, 43.862)

Have a look what the booklet for
CIELCh(98, 73.152, 43.862) contains.

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Color

CIELCh(86, 33.946, 70.929)

Conversions

Conversions Part 1

Format	Color
Hex	FFCE9B
RGB	255, 206, 155
RGB Percent	100%, 81%, 61%
CMY	0.0000, 0.1920, 0.3922
CMYK	0.00, 0.19, 0.39, 0.00
HSL	31°, 100%, 80%
HSV	31°, 39%, 100%
XYZ	69.6347, 67.9871, 40.4537
YIQ	214.8370, 45.5750, -5.4730

Conversions

Conversions Part 2

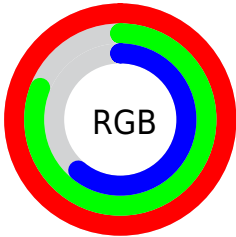
Format	Color
R _Y B	251, 255, 155
Decimal	16764571
CIE Lab	86.00, 11.09, 32.08
CIE LCh	86, 33.946, 70.929
Yxy	67.9871, 0.3910, 0.3818
Android (android.graphics.Color)	4294954651 (0xFFFFCE9B)
YUV	214.8370, -29.4996, 35.2230
Hunter-Lab	82.4543, 6.4528, 28.6292

Details

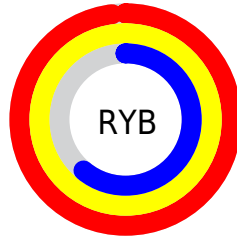
The CIELCh color $86, 33.946, 70.929$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $80, 30.289, 263.377$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 22.729, 108.455$, and $66, 33.914, 71.587$ is the 20% darker color. If you saturate the color by 10%, you get $83, 43.176, 70.215$, and if you desaturate by 10%, it is $89, 24.510, 72.824$.

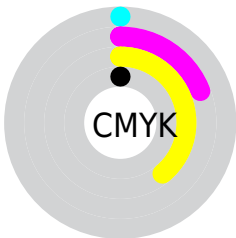
Distribution



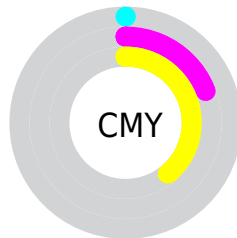
- Red (100%)
- Green (81%)
- Blue (61%)



- Red (98%)
- Yellow (100%)
- Blue (61%)



- 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, 33.946, 70.929 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, 33.946, 70.929 by changing the saturation by 10% instead.

 86, 33.946, 70.929

 86, 33.946, 70.929

 100, 33.946,
70.929

 76, 33.946, 70.929

 66, 33.946, 70.929

 56, 33.946, 70.929

 46, 33.946, 70.929

 36, 33.946, 70.929

 26, 33.946, 70.929

 16, 33.946, 70.929

 6, 33.946, 70.929

 0, 33.946, 70.929

86, 33.946, 70.929

86, 33.946, 70.929

83, 43.176, 70.215

89, 24.510, 72.824

79, 52.947, 68.867

93, 15.755, 74.100

76, 62.716, 67.434

97, 7.387, 75.335

73, 71.940, 65.794

100, 0.012,
296.813

70, 79.648, 63.699

68, 84.848, 60.868

67, 85.219, 60.648

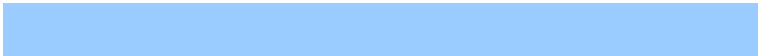
Harmonies

Complementary

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



86, 33.946, 70.929



80, 30.289, 263.377

Rectangle

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



86, 33.946, 70.929



86, 33.946, 120.929



86, 33.946, 250.929



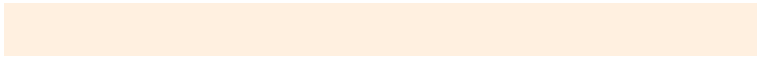
86, 33.946, 300.929

Sweetspot

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



86, 33.661, 71.529



96, 9.673, 74.999



76, 44.774, 347.588



50, 6.435, 74.839



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, 33.661, 71.529



83, 41.033, 70.509



98, 49.756, 106.372



51, 4.557, 75.301



52, 68.405, 61.355



16, 27.009, 62.867

Inverse Universe

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



80, 30.289, 263.377



77, 36.093, 265.371



68, 55.121, 295.486



51, 4.463, 257.852



41, 59.532, 285.190



12, 24.182, 278.718

Previews

White Background



This preview shows how the CIELCh color 86, 33.946, 70.929 looks on a white background.

Color Contrast Check

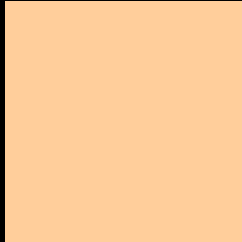
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 86, 33.946, 70.929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

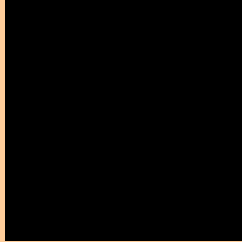
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 33.946, 70.929

Background



This preview shows how black text looks on a background with the CIELCh color 86, 33.946, 70.929.



This preview shows how white text looks on a background with the CIELCh color 86, 33.946, 70.929.

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



Original Color

86, 33.649, 71.491

Protanopia

86, 29.806, 95.297

Deuteranopia

86, 33.649, 71.491



Tritanopia
86, 21.098, 2.404

Trichromacy



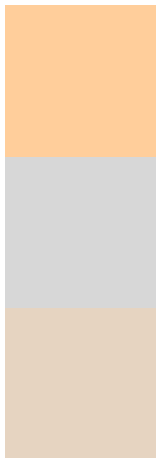
Original Color
86, 33.649, 71.491

Protanomaly
86, 30.396, 85.995

Deuteranomaly
86, 33.649, 71.491

Tritanomaly
86, 20.772, 35.260

Monochromacy



Original Color
86, 33.649, 71.491

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, 33.946, 70.929 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 33.946, 70.929 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, 155) }
```

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

```
.border{ border-color:rgb(255, 206, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 33.946, 70.929 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, 155) }
```

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

```
.background{ background-color: rgb(255,  
206, 155) }
```

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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