

Converting Colors

CIELCh(89, 49.696, 63.444)

Have a look what the booklet for
CIELCh(89, 49.696, 63.444) contains.

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Color

CIELCh(86, 40.340, 76.920)

Conversions

Conversions Part 1

Format	Color
Hex	FFCF8D
RGB	255, 207, 141
RGB Percent	100%, 81%, 55%
CMY	0.0000, 0.1883, 0.4474
CMYK	0.00, 0.19, 0.45, 0.00
HSL	35°, 100%, 78%
HSV	35°, 45%, 100%
XYZ	68.7293, 67.9871, 34.6676
YIQ	213.8280, 49.7940, -10.3500

Conversions

Conversions Part 2

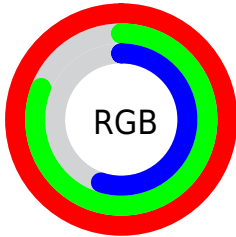
Format	Color
R _Y B	224, 255, 141
Decimal	16764813
CIE Lab	86.00, 9.13, 39.29
CIE LCh	86, 40.340, 76.920
Yxy	67.9871, 0.4010, 0.3967
Android (android.graphics.Color)	4294954893 (0xFFFFCF8D)
YUV	213.8280, -35.9042, 36.1078
Hunter-Lab	82.4543, 4.4927, 32.7898

Details

The CIELCh color **86, 40.340, 76.920** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 37.530, 271.704**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 30.226, 107.879**, and **66, 39.894, 77.631** is the 20% darker color. If you saturate the color by 10%, you get **83, 49.715, 76.002**, and if you desaturate by 10%, it is **89, 30.657, 78.848**.

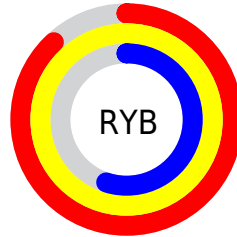
Distribution



Red (100%)

Green (81%)

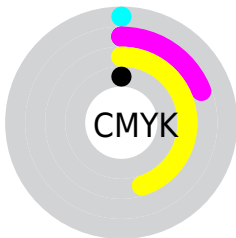
Blue (55%)



Red (88%)

Yellow (100%)

Blue (55%)

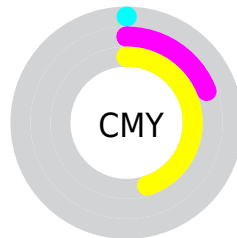


Cyan (0%)

Magenta (19%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 40.340, 76.920 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, 40.340, 76.920 by changing the saturation by 10% instead.

 86, 40.340, 76.920

 86, 40.340, 76.920

 100, 40.340,
76.920

 76, 40.340, 76.920

 66, 40.340, 76.920

 56, 40.340, 76.920

 46, 40.340, 76.920

 36, 40.340, 76.920

 26, 40.340, 76.920

 16, 40.340, 76.920

 6, 40.340, 76.920

 0, 40.340, 76.920

86, 40.340, 76.920

86, 40.340, 76.920

83, 49.715, 76.002

89, 30.657, 78.848

80, 59.262, 74.482

92, 21.467, 80.212

77, 68.304, 72.811

95, 12.570, 81.535

75, 76.048, 70.832

98, 3.967, 82.770

72, 81.398, 68.277

100, 0.012,
296.813

71, 83.285, 66.710

Harmonies

Complementary

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



86, 40.340, 76.920



76, 37.530, 271.704

Rectangle

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



86, 40.340, 76.920



86, 40.340, 126.920



86, 40.340, 256.920



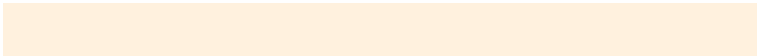
86, 40.340, 306.920

Sweetspot

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



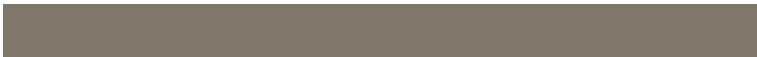
86, 40.106, 77.447



96, 11.054, 81.760



72, 49.192, 352.511



50, 7.765, 81.474



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, 40.106, 77.447



83, 49.005, 76.111



97, 56.433, 108.948



52, 4.805, 82.203



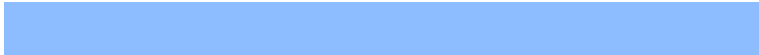
54, 66.969, 67.375



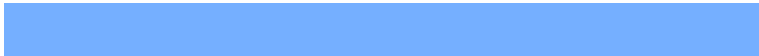
17, 27.232, 69.769

Inverse Universe

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



76, 37.530, 271.704



71, 45.346, 274.288



64, 63.615, 298.345



50, 4.752, 264.793



37, 67.927, 290.994



10, 27.334, 285.096

Previews

White Background



This preview shows how the CIELCh color 86, 40.340, 76.920 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, 40.340, 76.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

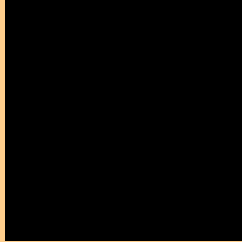
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 40.340, 76.920

Background



This preview shows how black text looks on a background with the CIELCh color 86, 40.340, 76.920.



This preview shows how white text looks on a background with the CIELCh color 86, 40.340, 76.920.

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, 40.075, 77.447

Protanopia

86, 37.478, 95.727

Deuteranopia

86, 36.290, 73.940



Tritanopia
86, 20.972, 3.772

Trichromacy



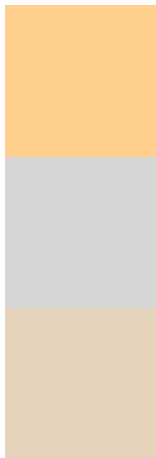
Original Color
86, 40.075, 77.447

Protanomaly
86, 37.833, 88.753

Deuteranomaly
86, 37.630, 75.016

Tritanomaly
86, 22.025, 42.867

Monochromacy



Original Color
86, 40.075, 77.447

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 14.339, 80.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 40.340, 76.920 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, 207, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 141)  
}
```

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, 207, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 40.340, 76.920 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, 207, 141) }
```

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

```
.border{ border-color:rgb(255, 207, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 40.340, 76.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 141) }
```

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

```
.background{ background-color: rgb(255,  
207, 141) }
```

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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