

Converting Colors

CIELCh(86, 38.928, 75.660)

Have a look what the booklet for
CIELCh(86, 38.928, 75.660) contains.

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Color

CIELCh(86, 38.711, 76.543)

Conversions

Conversions Part 1

Format	Color
Hex	FFCF90
RGB	255, 207, 144
RGB Percent	100%, 81%, 56%
CMY	0.0000, 0.1877, 0.4348
CMYK	0.00, 0.19, 0.43, 0.00
HSL	34°, 100%, 78%
HSV	34°, 43%, 100%
XYZ	68.6739, 67.9871, 35.9356
YIQ	214.1700, 48.8310, -9.4170

Conversions

Conversions Part 2

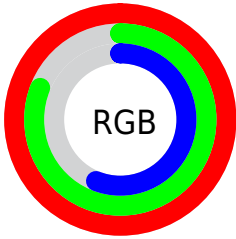
Format	Color
R_{YB}	229, 255, 144
Decimal	16764816
CIE Lab	86.00, 9.01, 37.65
CIE LCh	86, 38.711, 76.543
Yxy	67.9871, 0.3979, 0.3939
Android (android.graphics.Color)	4294954896 (0xFFFFCF90)
YUV	214.1700, -34.5938, 35.8079
Hunter-Lab	82.4543, 4.3726, 31.8780

Details

The CIELCh color **86, 38.711, 76.543** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 35.973, 270.367**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 28.732, 107.994**, and **66, 38.478, 76.768** is the 20% darker color. If you saturate the color by 10%, you get **83, 48.279, 75.188**, and if you desaturate by 10%, it is **89, 29.286, 78.003**.

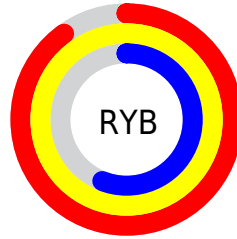
Distribution



Red (100%)

Green (81%)

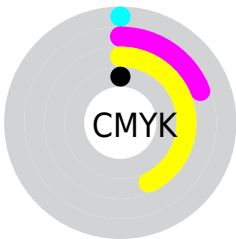
Blue (56%)



Red (90%)

Yellow (100%)

Blue (56%)

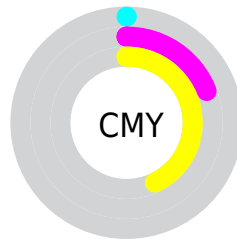


Cyan (0%)

Magenta (19%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 38.711, 76.543 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, 38.711, 76.543 by changing the saturation by 10% instead.

 86, 38.711, 76.543

 86, 38.711, 76.543

 100, 38.711,
76.543

 76, 38.711, 76.543

 66, 38.711, 76.543

 56, 38.711, 76.543

 46, 38.711, 76.543

 36, 38.711, 76.543

 26, 38.711, 76.543

 16, 38.711, 76.543

 6, 38.711, 76.543

 0, 38.711, 76.543

86, 38.711, 76.543

86, 38.711, 76.543

83, 48.279, 75.188

89, 29.286, 78.003

80, 57.883, 73.692

92, 20.175, 79.357

77, 67.092, 72.059

96, 11.375, 80.670

75, 75.169, 70.140

99, 2.880, 81.862

72, 81.023, 67.669

100, 0.012,
296.813

71, 83.516, 65.728

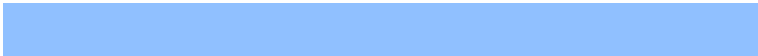
Harmonies

Complementary

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



86, 38.711, 76.543



77, 35.973, 270.367

Rectangle

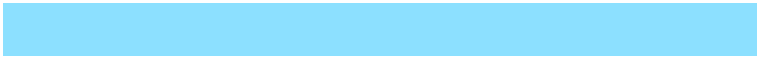
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 38.711, 76.543



86, 38.711, 126.543



86, 38.711, 256.543



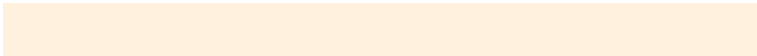
86, 38.711, 306.543

Sweetspot

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



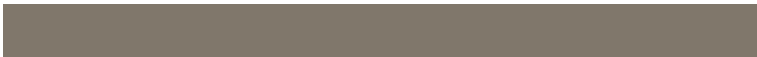
86, 38.681, 76.616



96, 10.958, 80.731



73, 47.849, 352.314



50, 7.699, 80.447



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, 38.681, 76.616



83, 46.848, 75.403



97, 54.948, 109.048



51, 4.761, 81.173



54, 67.137, 66.402



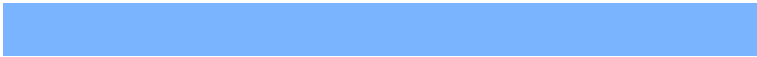
17, 27.171, 68.693

Inverse Universe

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



77, 35.973, 270.367



72, 43.012, 272.694



65, 61.674, 298.136



50, 4.703, 263.764



38, 66.587, 290.173



10, 26.823, 284.183

Previews

White Background



This preview shows how the CIELCh color 86, 38.711, 76.543 looks on a white background.

Color Contrast Check

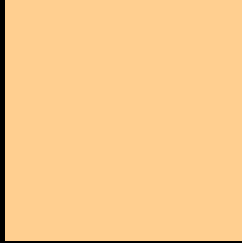
Large Text (above 18pt) WCAG AA × Fail

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, 38.711, 76.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

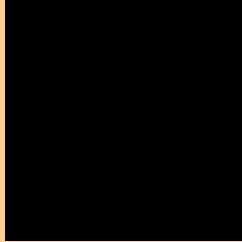
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 38.711, 76.543

Background



This preview shows how black text looks on a background with the CIELCh color 86, 38.711, 76.543.



This preview shows how white text looks on a background with the CIELCh color 86, 38.711, 76.543.

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, 38.711, 76.543

Protanopia

86, 35.988, 95.429

Deuteranopia

86, 35.563, 74.117



Tritanopia
86, 21.098, 2.404

Trichromacy



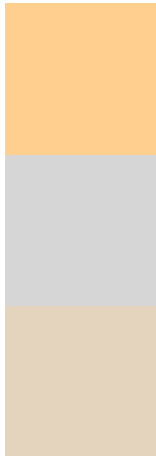
Original Color
86, 38.711, 76.543

Protanomaly
86, 36.376, 88.196

Deuteranomaly
86, 36.905, 75.216

Tritanomaly
86, 21.563, 40.435

Monochromacy



Original Color
86, 38.711, 76.543

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 13.673, 80.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 38.711, 76.543 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 38.711, 76.543 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, 144) }
```

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

```
.border{ border-color:rgb(255, 207, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 38.711, 76.543 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, 144) }
```

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

```
.background{ background-color: rgb(255,  
207, 144) }
```

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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