

Converting Colors

CIELCh(100, 79.619, 43.790)

Have a look what the booklet for
CIELCh(100, 79.619, 43.790)
contains.

CIELCh(86, 35.845, 73.560)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(86, 35.845, 73.560)

Conversions

Conversions Part 1

Format	Color
Hex	FFCF97
RGB	255, 207, 151
RGB Percent	100%, 81%, 59%
CMY	0.0000, 0.1900, 0.4098
CMYK	0.00, 0.19, 0.41, 0.00
HSL	32°, 100%, 80%
HSV	32°, 41%, 100%
XYZ	69.1968, 67.9871, 38.5459
YIQ	214.9680, 46.5840, -7.2400

Conversions

Conversions Part 2

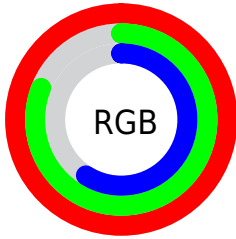
Format	Color
R _Y B	240, 255, 151
Decimal	16764823
CIE Lab	86.00, 10.14, 34.38
CIE LCh	86, 35.845, 73.560
Yxy	67.9871, 0.3938, 0.3869
Android (android.graphics.Color)	4294954903 (0xFFFFCF97)
YUV	214.9680, -31.5362, 35.1081
Hunter-Lab	82.4543, 5.5047, 30.0010

Details

The CIELCh color **86, 35.845, 73.560** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 32.586, 266.548**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 24.734, 108.302**, and **66, 35.653, 74.779** is the 20% darker color. If you saturate the color by 10%, you get **83, 45.260, 72.499**, and if you desaturate by 10%, it is **89, 26.448, 75.214**.

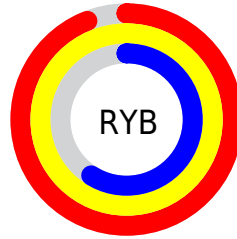
Distribution



Red (100%)

Green (81%)

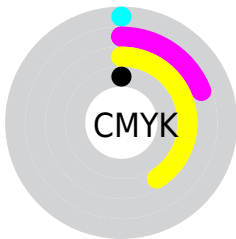
Blue (59%)



Red (94%)

Yellow (100%)

Blue (59%)

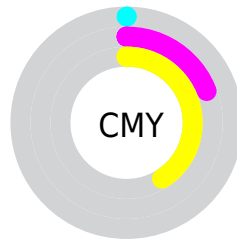


Cyan (0%)

Magenta (19%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 35.845, 73.560 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, 35.845, 73.560 by changing the saturation by 10% instead.

86, 35.845, 73.560

86, 35.845, 73.560

100, 35.845,
73.560

76, 35.845, 73.560

66, 35.845, 73.560

56, 35.845, 73.560

46, 35.845, 73.560

36, 35.845, 73.560

26, 35.845, 73.560

16, 35.845, 73.560

6, 35.845, 73.560

0, 35.845, 73.560

86, 35.845, 73.560

86, 35.845, 73.560

83, 45.260, 72.499

89, 26.448, 75.214

80, 54.972, 71.078

93, 17.541, 76.530

77, 64.526, 69.549

96, 8.989, 77.805

74, 73.297, 67.776

100, 0.775, 78.591

71, 80.250, 65.504

100, 0.012,
296.813

69, 84.369, 62.864

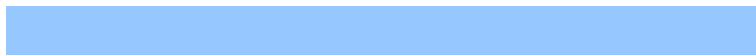
Harmonies

Complementary

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



86, 35.845, 73.560



79, 32.586, 266.548

Rectangle

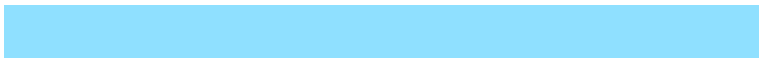
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 35.845, 73.560



86, 35.845, 123.560



86, 35.845, 253.560



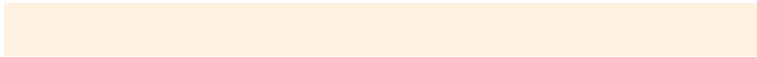
86, 35.845, 303.560

Sweetspot

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



86, 35.704, 73.871



96, 9.849, 77.678



74, 45.900, 349.836



51, 6.551, 77.514



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, 35.704, 73.871



83, 43.353, 72.773



98, 51.890, 107.735



51, 4.642, 77.987



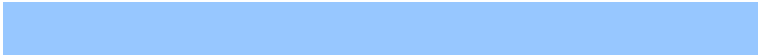
53, 67.767, 63.561



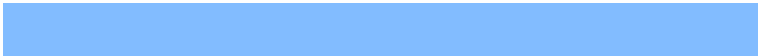
17, 27.046, 65.465

Inverse Universe

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



79, 32.586, 266.548



75, 38.843, 268.666



67, 57.804, 296.761



50, 4.564, 260.566



39, 62.637, 287.535



11, 25.334, 281.275

Previews

White Background



This preview shows how the CIE LCh color 86, 35.845, 73.560 looks on a white background.

Color Contrast Check

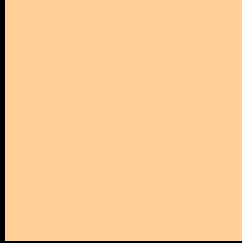
Large Text (above 18pt) WCAG AA × Fail

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, 35.845, 73.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

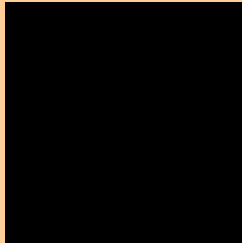
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 35.845, 73.560

Background



This preview shows how black text looks on a background with the CIELCh color 86, 35.845, 73.560.



This preview shows how white text looks on a background with the CIELCh color 86, 35.845, 73.560.

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, 35.563, 74.117

Protanopia

86, 32.405, 95.272

Deuteranopia

86, 34.084, 71.929



Tritanopia
86, 21.098, 2.404

Trichromacy



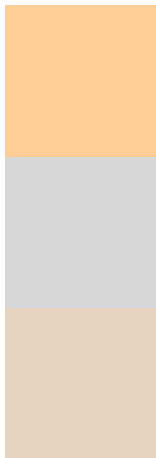
Original Color
86, 35.563, 74.117

Protanomaly
86, 32.824, 87.315

Deuteranomaly
86, 34.522, 72.354

Tritanomaly
86, 21.145, 37.898

Monochromacy



Original Color
86, 35.563, 74.117

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 12.503, 76.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 35.845, 73.560 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 35.845, 73.560 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, 151) }
```

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

```
.border{ border-color:rgb(255, 207, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 35.845, 73.560 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, 151) }
```

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

```
.background{ background-color: rgb(255,  
207, 151) }
```

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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