

Converting Colors

CIELCh(100, 80.520, 43.814)

Have a look what the booklet for
CIELCh(100, 80.520, 43.814)
contains.

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Color

CIELCh(86, 36.133, 73.010)

Conversions

Conversions Part 1

Format	Color
Hex	FFCE96
RGB	255, 206, 150
RGB Percent	100%, 81%, 59%
CMY	0.0000, 0.1911, 0.4110
CMYK	0.00, 0.19, 0.41, 0.00
HSL	32°, 100%, 79%
HSV	32°, 41%, 100%
XYZ	69.3879, 67.9871, 38.4019
YIQ	214.2670, 47.1800, -7.0280

Conversions

Conversions Part 2

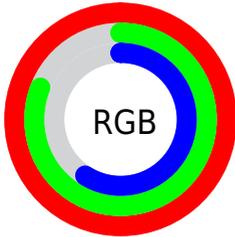
Format	Color
R_{YB}	242, 255, 150
Decimal	16764566
CIE _{Lab}	86.00, 10.56, 34.56
CIE _{LCh}	86, 36.133, 73.010
Yxy	67.9871, 0.3947, 0.3868
Android (android.graphics.Color)	4294954646 (0xFFFFCE96)
YUV	214.2670, -31.6836, 35.7228
Hunter-Lab	82.4543, 5.9184, 30.1046

Details

The CIELCh color **86, 36.133, 73.010** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 32.632, 266.444**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 25.235, 108.263**, and **66, 35.960, 74.166** is the 20% darker color. If you saturate the color by 10%, you get **83, 45.358, 72.356**, and if you desaturate by 10%, it is **89, 26.541, 75.067**.

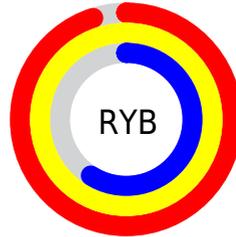
Distribution



Red (100%)

Green (81%)

Blue (59%)



Red (95%)

Yellow (100%)

Blue (59%)

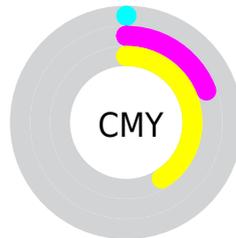


Cyan (0%)

Magenta (19%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 36.133, 73.010 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, 36.133, 73.010 by changing the saturation by 10% instead.

 86, 36.133, 73.010

 86, 36.133, 73.010

 100, 36.133,
73.010

 76, 36.133, 73.010

 66, 36.133, 73.010

 56, 36.133, 73.010

 46, 36.133, 73.010

 36, 36.133, 73.010

 26, 36.133, 73.010

 16, 36.133, 73.010

 6, 36.133, 73.010

 0, 36.133, 73.010

86, 36.133, 73.010

86, 36.133, 73.010

83, 45.358, 72.356

89, 26.541, 75.067

80, 55.075, 70.937

93, 17.634, 76.382

77, 64.631, 69.409

96, 9.084, 77.657

74, 73.401, 67.635

100, 0.874, 78.500

71, 80.342, 65.357

100, 0.012,
296.813

69, 84.408, 62.750

Harmonies

Complementary

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



86, 36.133, 73.010



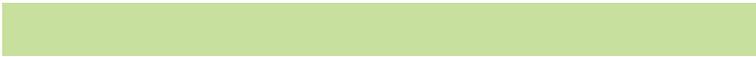
79, 32.632, 266.444

Rectangle

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



86, 36.133, 73.010



86, 36.133, 123.010



86, 36.133, 253.010



86, 36.133, 303.010

Sweetspot

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



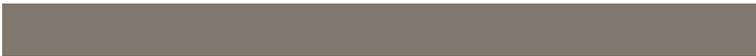
86, 35.799, 73.726



96, 9.840, 77.545



74, 46.036, 349.853



51, 6.545, 77.381



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



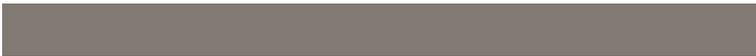
86, 35.799, 73.726



83, 43.332, 72.647



98, 52.039, 107.724



51, 4.637, 77.854



53, 67.796, 63.448



17, 27.042, 65.334

Inverse Universe

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



79, 32.632, 266.444



75, 38.777, 268.532



66, 57.994, 296.783



50, 4.558, 260.432



39, 62.479, 287.422



11, 25.275, 281.151

Previews

White Background



This preview shows how the CIELCh color 86, 36.133, 73.010 looks on a white background.

Color Contrast Check

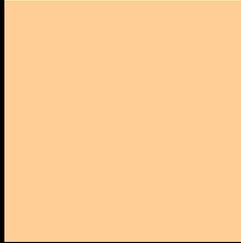
Large Text (above 18pt) WCAG AA × Fail

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, 36.133, 73.010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

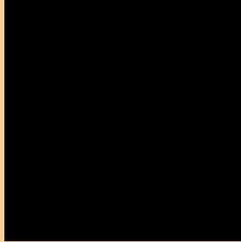
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 36.133, 73.010

Background



This preview shows how black text looks on a background with the CIELCh color 86, 36.133, 73.010.



This preview shows how white text looks on a background with the CIELCh color 86, 36.133, 73.010.

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, 35.845, 73.560

Protanopia

86, 32.405, 95.272

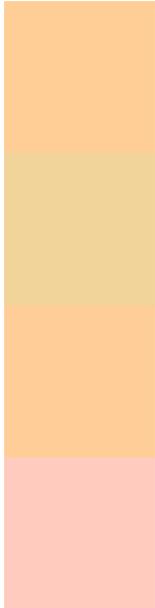
Deuteranopia

86, 34.522, 72.354



Tritanopia
86, 21.098, 2.404

Trichromacy



Original Color
86, 35.845, 73.560

Protanomaly
86, 32.824, 87.315

Deuteranomaly
86, 34.962, 72.768

Tritanomaly
86, 21.145, 37.898

Monochromacy



Original Color
86, 35.845, 73.560

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 12.515, 76.098

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 36.133, 73.010 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 36.133, 73.010 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, 150) }
```

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

```
.border{ border-color:rgb(255, 206, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 36.133, 73.010 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, 150) }
```

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

```
.background{ background-color: rgb(255,  
206, 150) }
```

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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