

Converting Colors

CIELCh(86, 35.117, 73.664)

Have a look what the booklet for
CIELCh(86, 35.117, 73.664) contains.

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Color

CIELCh(86, 35.118, 73.730)

Conversions

Conversions Part 1

Format	Color
Hex	FFCF98
RGB	255, 207, 152
RGB Percent	100%, 81%, 60%
CMY	0.0010, 0.1891, 0.4048
CMYK	0.00, 0.19, 0.40, 0.00
HSL	32°, 100%, 80%
HSV	32°, 40%, 100%
XYZ	69.0558, 67.9871, 39.0944
YIQ	215.0820, 46.2630, -6.9290

Conversions

Conversions Part 2

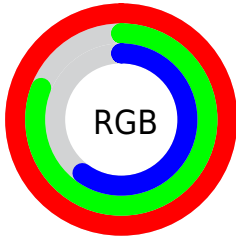
Format	Color
R _Y B	242, 255, 152
Decimal	16764824
CIE Lab	86.00, 9.84, 33.71
CIE LCh	86, 35.118, 73.730
Yxy	67.9871, 0.3921, 0.3860
Android (android.graphics.Color)	4294954904 (0xFFFFCF98)
YUV	215.0820, -31.0994, 35.0081
Hunter-Lab	82.4543, 5.1994, 29.6066

Details

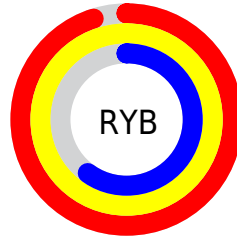
The CIELCh color **86, 35.118, 73.730** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 32.044, 266.189**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 24.233, 108.340**, and **66, 35.446, 73.826** is the 20% darker color. If you saturate the color by 10%, you get **83, 44.652, 72.370**, and if you desaturate by 10%, it is **89, 25.891, 75.074**.

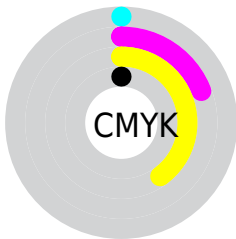
Distribution



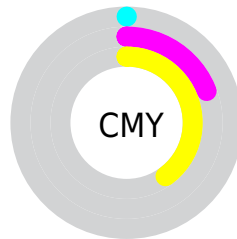
- Red (100%)
- Green (81%)
- Blue (60%)



- Red (95%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (19%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (19%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 35.118, 73.730 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, 35.118, 73.730 by changing the saturation by 10% instead.

 86, 35.118, 73.730

 86, 35.118, 73.730

 100, 35.118,
73.730

 76, 35.118, 73.730

 66, 35.118, 73.730

 56, 35.118, 73.730

 46, 35.118, 73.730

 36, 35.118, 73.730

 26, 35.118, 73.730

 16, 35.118, 73.730

 6, 35.118, 73.730

 0, 35.118, 73.730

86, 35.118, 73.730

86, 35.118, 73.730

83, 44.652, 72.370

89, 25.891, 75.074

80, 54.360, 70.957

93, 17.019, 76.386

77, 63.941, 69.441

96, 8.504, 77.656

74, 72.795, 67.693

100, 0.327, 77.716

71, 79.905, 65.462

100, 0.085,
207.184

69, 84.371, 62.679

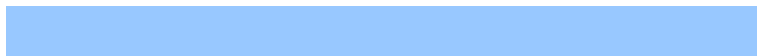
Harmonies

Complementary

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



86, 35.118, 73.730



79, 32.044, 266.189

Rectangle

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



86, 35.118, 73.730



86, 35.118, 123.730



86, 35.118, 253.730



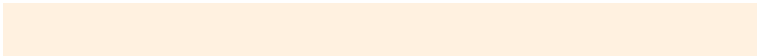
86, 35.118, 303.730

Sweetspot

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



86, 35.118, 73.736



96, 9.834, 77.460



75, 45.253, 349.758



51, 6.541, 77.296



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, 35.118, 73.736



83, 43.318, 72.566



98, 51.181, 107.784



51, 4.634, 77.768



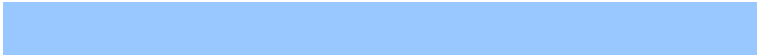
53, 67.815, 63.375



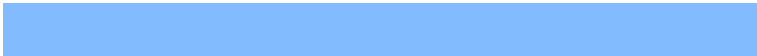
17, 27.040, 65.249

Inverse Universe

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



79, 32.044, 266.189



75, 38.735, 268.446



67, 56.908, 296.665



50, 4.555, 260.345



39, 62.377, 287.348



11, 25.237, 281.071

Previews

White Background



This preview shows how the CIELCh color 86, 35.118, 73.730 looks on a white background.

Color Contrast Check

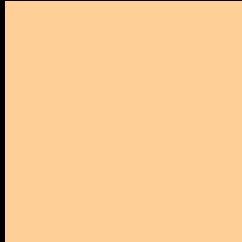
Large Text (above 18pt) WCAG AA × Fail

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, 35.118, 73.730 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, 35.118, 73.730

Background



This preview shows how black text looks on a background with the CIELCh color 86, 35.118, 73.730.

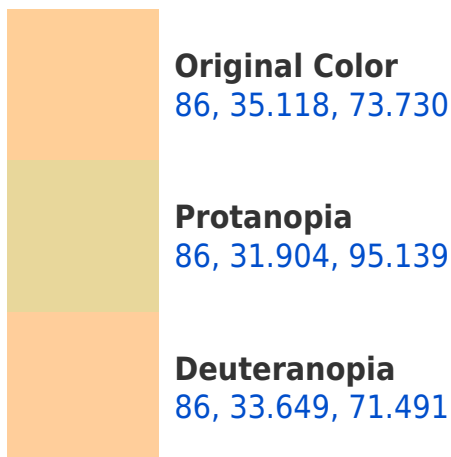


This preview shows how white text looks on a background with the CIELCh color 86, 35.118, 73.730.

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





Tritanopia
86, 21.098, 2.404

Trichromacy



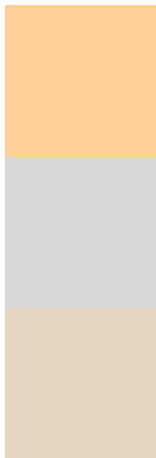
Original Color
86, 35.118, 73.730

Protanomaly
86, 32.338, 87.070

Deuteranomaly
86, 34.084, 71.929

Tritanomaly
86, 21.145, 37.898

Monochromacy



Original Color
86, 35.118, 73.730

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 12.295, 77.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 35.118, 73.730 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 35.118, 73.730 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, 152) }
```

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

```
.border{ border-color:rgb(255, 207, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 35.118, 73.730 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, 152) }
```

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

```
.background{ background-color: rgb(255,  
207, 152) }
```

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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