

Converting Colors

CIELCh(86, 36.470, 73.701)

Have a look what the booklet for
CIELCh(86, 36.470, 73.701) contains.

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Color

CIELCh(86, 36.290, 73.940)

Conversions

Conversions Part 1

Format	Color
Hex	FFCF96
RGB	255, 207, 150
RGB Percent	100%, 81%, 59%
CMY	0.0000, 0.1899, 0.4135
CMYK	0.00, 0.19, 0.41, 0.00
HSL	32°, 100%, 79%
HSV	32°, 41%, 100%
XYZ	69.1483, 67.9871, 38.1435
YIQ	214.8540, 46.9050, -7.5510

Conversions

Conversions Part 2

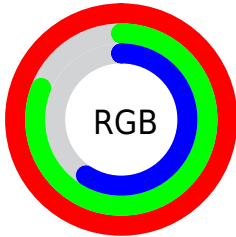
Format	Color
R _Y B	238, 255, 150
Decimal	16764822
CIE Lab	86.00, 10.04, 34.87
CIE LCh	86, 36.290, 73.940
Yxy	67.9871, 0.3945, 0.3879
Android (android.graphics.Color)	4294954902 (0xFFFFCF96)
YUV	214.8540, -31.9730, 35.2080
Hunter-Lab	82.4543, 5.3996, 30.2904

Details

The CIELCh color **86, 36.290, 73.940** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 33.067, 267.118**, 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, 36.122, 75.137** is the 20% darker color. If you saturate the color by 10%, you get **83, 45.702, 72.894**, and if you desaturate by 10%, it is **89, 26.861, 75.625**.

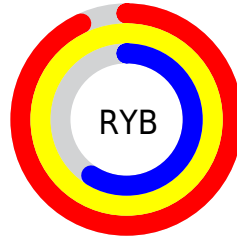
Distribution



Red (100%)

Green (81%)

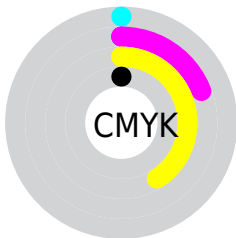
Blue (59%)



Red (93%)

Yellow (100%)

Blue (59%)

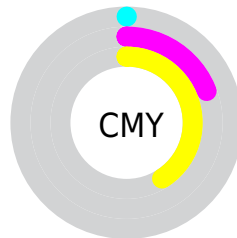


Cyan (0%)

Magenta (19%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 36.290, 73.940 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, 36.290, 73.940 by changing the saturation by 10% instead.

 86, 36.290, 73.940

 86, 36.290, 73.940

 100, 36.290,
73.940

 76, 36.290, 73.940

 66, 36.290, 73.940

 56, 36.290, 73.940

 46, 36.290, 73.940

 36, 36.290, 73.940

 26, 36.290, 73.940

 16, 36.290, 73.940

 6, 36.290, 73.940

 0, 36.290, 73.940

86, 36.290, 73.940

86, 36.290, 73.940

83, 45.702, 72.894

89, 26.861, 75.625

80, 55.402, 71.461

93, 17.924, 76.948

77, 64.910, 69.914

96, 9.337, 78.230

74, 73.586, 68.118

100, 1.082, 79.171

71, 80.382, 65.813

100, 0.012,
296.813

69, 84.231, 63.272

Harmonies

Complementary

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



86, 36.290, 73.940



78, 33.067, 267.118

Rectangle

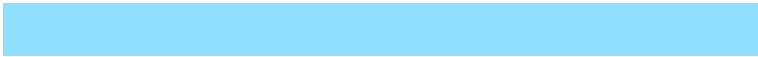
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 36.290, 73.940



86, 36.290, 123.940



86, 36.290, 253.940



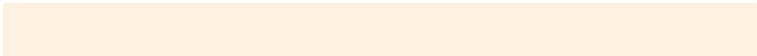
86, 36.290, 303.940

Sweetspot

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



86, 36.139, 74.275



96, 9.883, 78.149



74, 46.313, 349.888



51, 6.573, 77.984



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, 36.139, 74.275



83, 44.397, 73.083



98, 52.342, 107.702



51, 4.658, 78.459



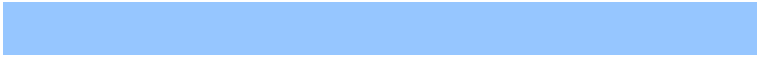
53, 67.664, 63.966



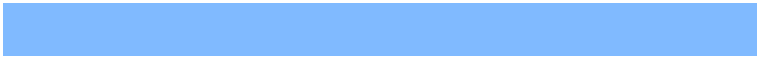
17, 27.058, 65.933

Inverse Universe

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



78, 33.067, 267.118



74, 39.864, 269.425



66, 58.381, 296.826



50, 4.583, 261.041



39, 63.203, 287.935



11, 25.546, 281.714

Previews

White Background



This preview shows how the CIELCh color 86, 36.290, 73.940 looks on a white background.

Color Contrast Check

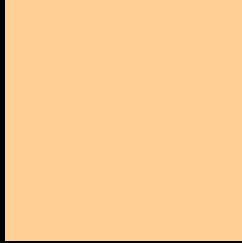
Large Text (above 18pt) WCAG AA × Fail

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, 36.290, 73.940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

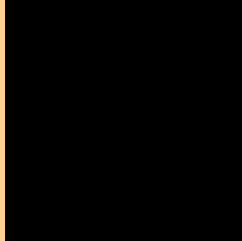
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 36.290, 73.940

Background



This preview shows how black text looks on a background with the CIELCh color 86, 36.290, 73.940.



This preview shows how white text looks on a background with the CIELCh color 86, 36.290, 73.940.

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, 36.009, 74.494

Protanopia

86, 32.905, 95.400

Deuteranopia

86, 34.522, 72.354



Tritanopia
86, 21.098, 2.404

Trichromacy



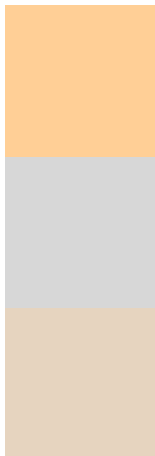
Original Color
86, 36.009, 74.494

Protanomaly
86, 33.311, 87.551

Deuteranomaly
86, 34.962, 72.768

Tritanomaly
86, 21.145, 37.898

Monochromacy



Original Color
86, 36.009, 74.494

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 12.951, 77.288

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 36.290, 73.940 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 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, 207, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 36.290, 73.940 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, 150) }
```

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

```
.border{ border-color:rgb(255, 207, 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, 207, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 36.290, 73.940 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, 150) }
```

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

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