

Converting Colors

CIELCh(86, 35.528, 75.277)

Have a look what the booklet for
CIELCh(86, 35.528, 75.277) contains.

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Color

CIELCh(86, 35.769, 75.035)

Conversions

Conversions Part 1

Format	Color
Hex	FECF96
RGB	254, 207, 150
RGB Percent	100%, 81%, 59%
CMY	0.0034, 0.1877, 0.4113
CMYK	0.00, 0.18, 0.41, 0.00
HSL	33°, 98%, 79%
HSV	33°, 41%, 100%
XYZ	68.7786, 67.9871, 38.4020
YIQ	214.5550, 46.3090, -7.7630

Conversions

Conversions Part 2

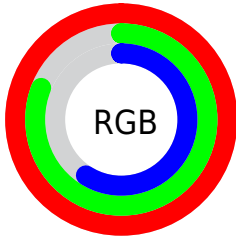
Format	Color
R_{YB}	236, 254, 150
Decimal	16699286
CIE _{Lab}	86.00, 9.24, 34.56
CIE _{LCh}	86, 35.769, 75.035
Yxy	67.9871, 0.3926, 0.3881
Android (android.graphics.Color)	4294889366 (0xFFFE96)
YUV	214.5550, -31.8256, 34.5933
Hunter-Lab	82.4543, 4.5994, 30.1045

Details

The CIELCh color **86, 35.769, 75.035** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 32.934, 267.746**, 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, 45.295, 73.650**, and if you desaturate by 10%, it is **89, 26.516, 76.399**.

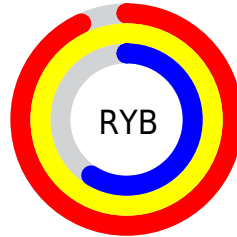
Distribution



Red (100%)

Green (81%)

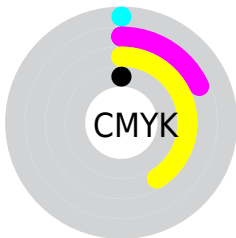
Blue (59%)



Red (93%)

Yellow (100%)

Blue (59%)

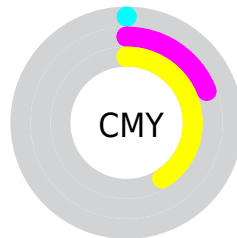


Cyan (0%)

Magenta (18%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 35.769, 75.035 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, 35.769, 75.035 by changing the saturation by 10% instead.

86, 35.769, 75.035

86, 35.769, 75.035

100, 35.769,
75.035

76, 35.769, 75.035

66, 35.769, 75.035

56, 35.769, 75.035

46, 35.769, 75.035

36, 35.769, 75.035

26, 35.769, 75.035

16, 35.769, 75.035

6, 35.769, 75.035

0, 35.769, 75.035

86, 35.769, 75.035

86, 35.769, 75.035

83, 45.295, 73.650

89, 26.516, 76.399

80, 54.948, 72.207

93, 17.592, 77.727

77, 64.404, 70.652

96, 9.005, 79.012

74, 73.039, 68.857

99, 0.742, 79.796

71, 79.825, 66.573

100, 0.301,
201.585

69, 83.805, 63.921

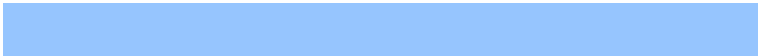
Harmonies

Complementary

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



86, 35.769, 75.035



78, 32.934, 267.746

Rectangle

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



86, 35.769, 75.035



86, 35.769, 125.035



86, 35.769, 255.035



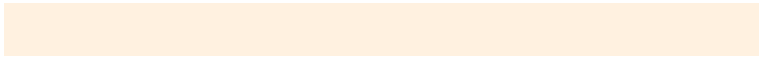
86, 35.769, 305.035

Sweetspot

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



86, 35.769, 75.040



96, 9.937, 78.877



74, 45.721, 349.828



51, 6.609, 78.712



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, 35.769, 75.040



84, 43.564, 73.920



97, 51.690, 107.740



51, 4.685, 79.189



53, 67.511, 64.603



17, 27.082, 66.664

Inverse Universe

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



78, 32.934, 267.746



74, 39.456, 269.872



66, 57.570, 296.752



50, 4.614, 261.775



39, 64.092, 288.548



11, 25.880, 282.387

Previews

White Background



This preview shows how the CIELCh color 86, 35.769, 75.035 looks on a white background.

Color Contrast Check

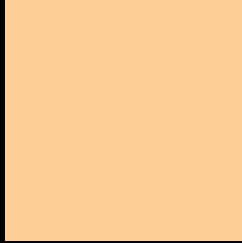
Large Text (above 18pt) WCAG AA × Fail

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, 35.769, 75.035 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, 35.769, 75.035

Background



This preview shows how black text looks on a background with the CIELCh color 86, 35.769, 75.035.



This preview shows how white text looks on a background with the CIELCh color 86, 35.769, 75.035.

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, 35.769, 75.035

Protanopia

86, 32.405, 95.272

Deuteranopia

86, 34.233, 72.920

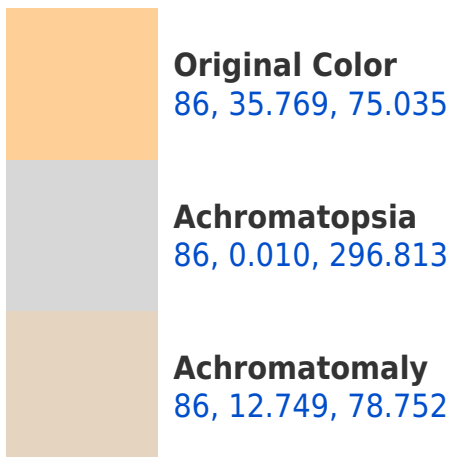


Tritanopia
86, 21.098, 2.404

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 35.769, 75.035 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(254, 207, 150)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 207, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 207, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 35.769, 75.035 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(254, 207, 150) }
```

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

```
.border{ border-color:rgb(254, 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(254, 207, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 207, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 207, 150);  
box-shadow:4px 4px 4px 4px rgb(254, 207,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 35.769, 75.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 207, 150) }
```

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

```
.background{ background-color: rgb(254,  
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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