

Converting Colors

CIELCh(86, 28.548, 68.097)

Have a look what the booklet for
CIELCh(86, 28.548, 68.097) contains.

CIELCh(86, 28.548, 68.097)	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, 28.548, 68.097)

Conversions

Conversions Part 1

Format	Color
Hex	FDCFA6
RGB	253, 207, 166
RGB Percent	99%, 81%, 65%
CMY	0.0094, 0.1897, 0.3505
CMYK	0.00, 0.18, 0.34, 0.01
HSL	28°, 95%, 82%
HSV	28°, 34%, 99%
XYZ	69.4301, 67.9871, 45.3630
YIQ	216.0800, 40.5770, -2.9990

Conversions

Conversions Part 2

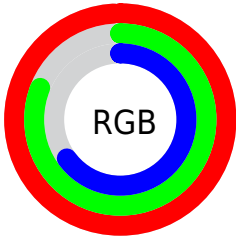
Format	Color
R _Y B	253, 244, 166
Decimal	16633766
CIE Lab	86.00, 10.65, 26.49
CIE LCh	86, 28.548, 68.097
Yxy	67.9871, 0.3799, 0.3720
Android (android.graphics.Color)	4294823846 (0xFFFFDCFA6)
YUV	216.0800, -24.6894, 32.3788
Hunter-Lab	82.4543, 6.0097, 25.0991

Details

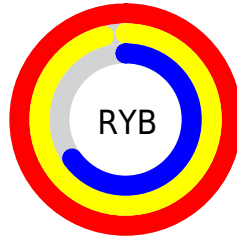
The CIELCh color **86, 28.548, 68.097** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 25.427, 257.851**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 17.195, 108.877**, and **66, 28.485, 68.368** is the 20% darker color. If you saturate the color by 10%, you get **82, 37.824, 66.901**, and if you desaturate by 10%, it is **90, 19.723, 69.306**.

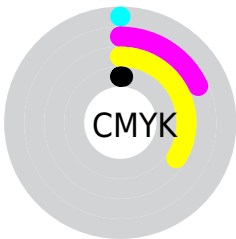
Distribution



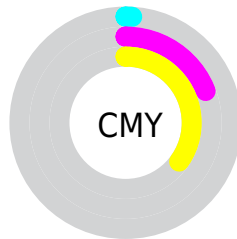
- Red (99%)
- Green (81%)
- Blue (65%)



- Red (99%)
- Yellow (96%)
- Blue (65%)



- Cyan (0%)
- Magenta (18%)
- Yellow (34%)
- Black (1%)



- Cyan (1%)
- Magenta (19%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 28.548, 68.097 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, 28.548, 68.097 by changing the saturation by 10% instead.

 86, 28.548, 68.097

 86, 28.548, 68.097

 100, 28.548,
68.097

 76, 28.548, 68.097

 66, 28.548, 68.097

 56, 28.548, 68.097

 46, 28.548, 68.097

 36, 28.548, 68.097

 26, 28.548, 68.097

 16, 28.548, 68.097

 6, 28.548, 68.097

 0, 28.548, 68.097

86, 28.548, 68.097

86, 28.548, 68.097

82, 37.824, 66.901

90, 19.723, 69.306

79, 47.504, 65.693

94, 11.346, 70.496

75, 57.436, 64.451

97, 3.389, 71.596

72, 67.263, 63.090

100, 0.836,
200.145

69, 76.257, 61.420

66, 83.214, 59.086

65, 86.110, 57.506

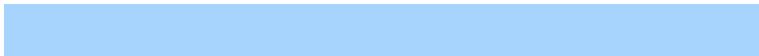
Harmonies

Complementary

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



86, 28.548, 68.097



83, 25.427, 257.851

Rectangle

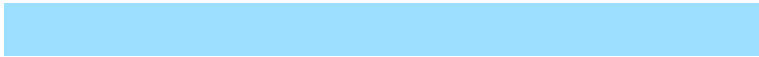
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 28.548, 68.097



86, 28.548, 118.097



86, 28.548, 248.097



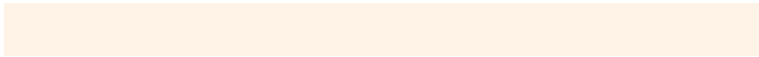
86, 28.548, 298.097

Sweetspot

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



86, 28.548, 68.104



96, 7.833, 71.008



78, 39.821, 345.099



51, 5.364, 70.847



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, 28.548, 68.104



84, 34.865, 67.310



97, 42.236, 105.356



51, 4.448, 71.064



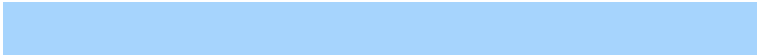
50, 69.563, 58.197



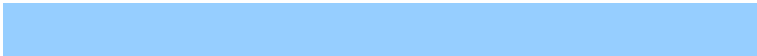
16, 27.061, 58.989

Inverse Universe

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



83, 25.427, 257.851



81, 30.281, 259.373



72, 45.812, 293.377



51, 4.330, 253.534



43, 55.026, 281.234



13, 22.539, 274.461

Previews

White Background



This preview shows how the CIELCh color 86, 28.548, 68.097 looks on a white background.

Color Contrast Check

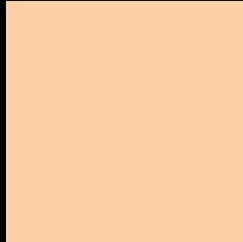
Large Text (above 18pt) WCAG AA × Fail

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, 28.548, 68.097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

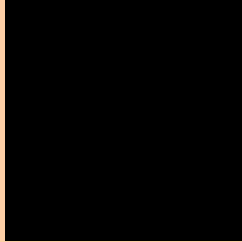
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 28.548, 68.097

Background



This preview shows how black text looks on a background with the CIELCh color 86, 28.548, 68.097.



This preview shows how white text looks on a background with the CIELCh color 86, 28.548, 68.097.

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, 28.548, 68.097

Protanopia

86, 24.583, 95.176

Deuteranopia

86, 28.548, 68.097



Tritanopia
86, 21.238, 1.054

Trichromacy



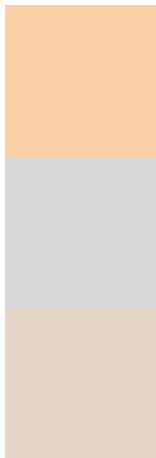
Original Color
86, 28.548, 68.097

Protanomaly
86, 25.239, 84.097

Deuteranomaly
86, 28.548, 68.097

Tritanomaly
86, 19.786, 29.862

Monochromacy



Original Color
86, 28.548, 68.097

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 9.874, 71.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 28.548, 68.097 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(253, 207, 166)` looks like.

```
.text, #text, p{  
    color:rgb(253, 207, 166)  
}
```

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(253, 207, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 207, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 28.548, 68.097 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(253, 207, 166) }
```

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

```
.border{ border-color:rgb(253, 207, 166) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(253, 207, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 207, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 207, 166);  
box-shadow:4px 4px 4px 4px rgb(253, 207,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 28.548, 68.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 207, 166) }
```

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

```
.background{ background-color: rgb(253,  
207, 166) }
```

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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