

Converting Colors

CIELCh(100, 73.953, 38.176)

Have a look what the booklet for
CIELCh(100, 73.953, 38.176)
contains.

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Color

CIELCh(86, 27.816, 63.781)

Conversions

Conversions Part 1

Format	Color
Hex	FFCEA9
RGB	255, 206, 169
RGB Percent	100%, 81%, 66%
CMY	0.0016, 0.1937, 0.3387
CMYK	0.00, 0.19, 0.34, 0.00
HSL	26°, 99%, 83%
HSV	26°, 34%, 100%
XYZ	70.1913, 67.9871, 46.7743
YIQ	216.4330, 41.0810, -1.1190

Conversions

Conversions Part 2

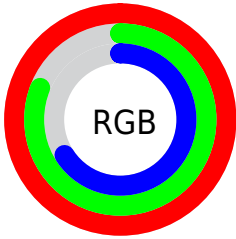
Format	Color
R _Y B	255, 234, 169
Decimal	16764585
CIE Lab	86.00, 12.29, 24.95
CIE LCh	86, 27.816, 63.781
Yxy	67.9871, 0.3795, 0.3676
Android (android.graphics.Color)	4294954665 (0xFFFFCEA9)
YUV	216.4330, -23.3845, 33.8233
Hunter-Lab	82.4543, 7.6576, 24.0843

Details

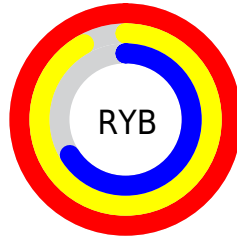
The CIELCh color **86, 27.816, 63.781** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 24.212, 252.722**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.682, 108.992**, and **66, 27.717, 63.882** is the 20% darker color. If you saturate the color by 10%, you get **82, 37.162, 62.728**, and if you desaturate by 10%, it is **90, 18.993, 64.868**.

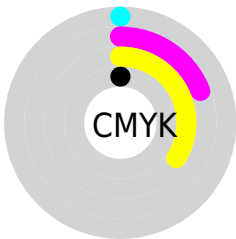
Distribution



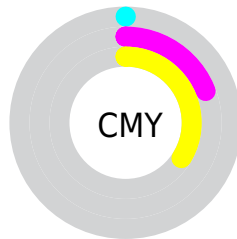
- Red (100%)
- Green (81%)
- Blue (66%)



- Red (100%)
- Yellow (92%)
- Blue (66%)



- Cyan (0%)
- Magenta (19%)
- Yellow (34%)
- Black (0%)



- Cyan (0%)
- Magenta (19%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 27.816, 63.781 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, 27.816, 63.781 by changing the saturation by 10% instead.

 86, 27.816, 63.781

 86, 27.816, 63.781

 100, 27.816,
63.781

 76, 27.816, 63.781

 66, 27.816, 63.781

 56, 27.816, 63.781

 46, 27.816, 63.781

 36, 27.816, 63.781

 26, 27.816, 63.781

 16, 27.816, 63.781

 6, 27.816, 63.781

 0, 27.816, 63.781

86, 27.816, 63.781

86, 27.816, 63.781

82, 37.162, 62.728

90, 18.993, 64.868

78, 47.001, 61.687

94, 10.678, 65.951

75, 57.209, 60.643

98, 2.833, 66.928

71, 67.469, 59.516

100, 0.144,
204.018

68, 77.093, 58.116

65, 84.850, 56.067

64, 88.483, 54.433

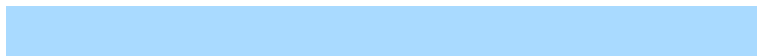
Harmonies

Complementary

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



86, 27.816, 63.781



85, 24.212, 252.722

Rectangle

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



86, 27.816, 63.781



86, 27.816, 113.781



86, 27.816, 243.781



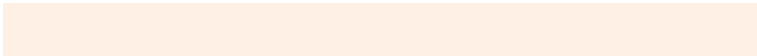
86, 27.816, 293.781

Sweetspot

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



86, 27.816, 63.788



96, 7.682, 66.350



79, 40.550, 342.349



51, 5.263, 66.202



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, 27.816, 63.788



83, 34.572, 63.018



96, 39.807, 103.026



51, 4.361, 66.401



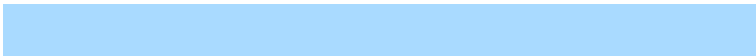
48, 70.989, 55.128



15, 27.246, 55.023

Inverse Universe

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



85, 24.212, 252.722



82, 29.077, 254.335



74, 42.689, 291.194



51, 4.218, 248.733



45, 50.586, 276.461



14, 20.956, 269.417

Previews

White Background



This preview shows how the CIELCh color 86, 27.816, 63.781 looks on a white background.

Color Contrast Check

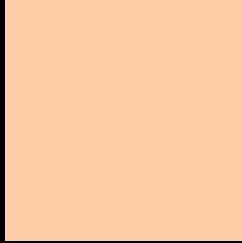
Large Text (above 18pt) WCAG AA × Fail

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, 27.816, 63.781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

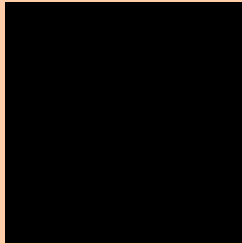
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 27.816, 63.781

Background



This preview shows how black text looks on a background with the CIELCh color 86, 27.816, 63.781.



This preview shows how white text looks on a background with the CIELCh color 86, 27.816, 63.781.

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, 27.816, 63.781

Protanopia

86, 22.563, 94.258

Deuteranopia

86, 27.442, 67.484



Tritanopia
86, 21.238, 1.054

Trichromacy



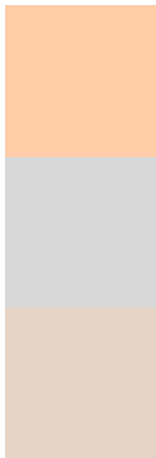
Original Color
86, 27.816, 63.781

Protanomaly
86, 23.805, 82.797

Deuteranomaly
86, 27.629, 65.611

Tritanomaly
86, 20.057, 28.277

Monochromacy



Original Color
86, 27.816, 63.781

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 9.582, 64.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 27.816, 63.781 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 27.816, 63.781 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, 169) }
```

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

```
.border{ border-color:rgb(255, 206, 169) }
```

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, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 27.816, 63.781 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, 169) }
```

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

```
.background{ background-color: rgb(255,  
206, 169) }
```

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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