

Converting Colors

CIELCh(86, 32.279, 68.903)

Have a look what the booklet for
CIELCh(86, 32.279, 68.903) contains.

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Color

CIELCh(86, 31.927, 69.606)

Conversions

Conversions Part 1

Format	Color
Hex	FFCE9F
RGB	255, 206, 159
RGB Percent	100%, 81%, 62%
CMY	0.0000, 0.1917, 0.3760
CMYK	0.00, 0.19, 0.38, 0.00
HSL	29°, 100%, 81%
HSV	29°, 38%, 100%
XYZ	69.6506, 67.9871, 42.3019
YIQ	215.2930, 44.2910, -4.2290

Conversions

Conversions Part 2

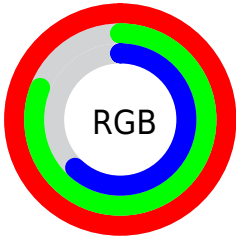
Format	Color
R _Y B	255, 251, 159
Decimal	16764575
CIE Lab	86.00, 11.13, 29.93
CIE LCh	86, 31.927, 69.606
Yxy	67.9871, 0.3871, 0.3778
Android (android.graphics.Color)	4294954655 (0xFFFFCE9F)
YUV	215.2930, -27.7524, 34.8230
Hunter-Lab	82.4543, 6.4871, 27.3002

Details

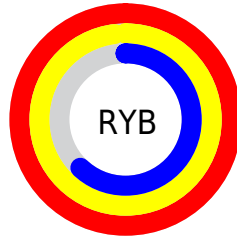
The CIELCh color **86, 31.927, 69.606** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 28.438, 260.751**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.719, 108.609**, and **66, 32.093, 69.734** is the 20% darker color. If you saturate the color by 10%, you get **82, 41.364, 68.420**, and if you desaturate by 10%, it is **90, 22.837, 70.931**.

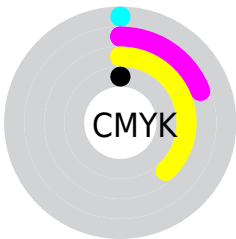
Distribution



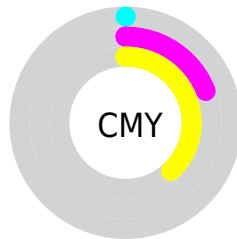
- Red (100%)
- Green (81%)
- Blue (62%)



- Red (100%)
- Yellow (98%)
- Blue (62%)



- Cyan (0%)
- Magenta (19%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (19%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 31.927, 69.606 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, 31.927, 69.606 by changing the saturation by 10% instead.

 86, 31.927, 69.606

 86, 31.927, 69.606

 100, 31.927,
69.606

 76, 31.927, 69.606

 66, 31.927, 69.606

 56, 31.927, 69.606

 46, 31.927, 69.606

 36, 31.927, 69.606

 26, 31.927, 69.606

 16, 31.927, 69.606

 6, 31.927, 69.606

 0, 31.927, 69.606

86, 31.927, 69.606

86, 31.927, 69.606

82, 41.364, 68.420

90, 22.837, 70.931

79, 51.162, 67.140

93, 14.206, 72.167

76, 61.075, 65.795

97, 5.986, 73.358

73, 70.630, 64.277

100, 0.012,
296.813

70, 78.933, 62.353

67, 84.776, 59.664

66, 85.972, 58.986

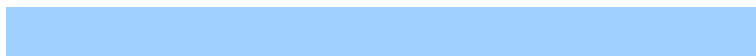
Harmonies

Complementary

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



86, 31.927, 69.606



82, 28.438, 260.751

Rectangle

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



86, 31.927, 69.606



86, 31.927, 119.606



86, 31.927, 249.606



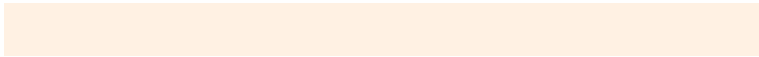
86, 31.927, 299.606

Sweetspot

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



86, 31.894, 69.680



96, 8.734, 72.964



76, 43.364, 346.415



51, 5.888, 72.803



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, 31.894, 69.680



83, 38.861, 68.749



98, 47.071, 105.794



51, 4.497, 73.140



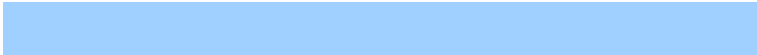
51, 68.976, 59.697



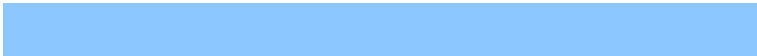
16, 27.020, 60.856

Inverse Universe

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



82, 28.438, 260.751



78, 33.790, 262.585



69, 51.711, 294.579



51, 4.391, 255.655



42, 57.176, 283.214



12, 23.319, 276.582

Previews

White Background



This preview shows how the CIELCh color 86, 31.927, 69.606 looks on a white background.

Color Contrast Check

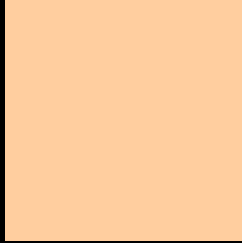
Large Text (above 18pt) WCAG AA × Fail

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, 31.927, 69.606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

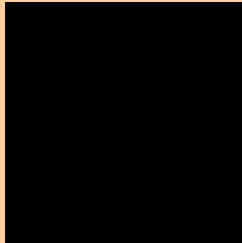
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 31.927, 69.606

Background



This preview shows how black text looks on a background with the CIELCh color 86, 31.927, 69.606.



This preview shows how white text looks on a background with the CIELCh color 86, 31.927, 69.606.

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, 31.927, 69.606

Protanopia

86, 27.702, 95.442

Deuteranopia

86, 31.659, 70.169



Tritanopia
86, 21.098, 2.404

Trichromacy



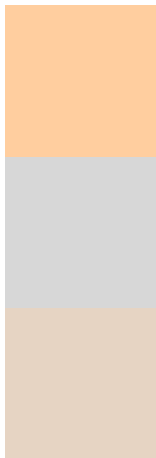
Original Color
86, 31.927, 69.606

Protanomaly
86, 28.299, 85.495

Deuteranomaly
86, 31.659, 70.169

Tritanomaly
86, 20.604, 33.906

Monochromacy



Original Color
86, 31.927, 69.606

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 11.197, 71.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 31.927, 69.606 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 31.927, 69.606 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, 159) }
```

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

```
.border{ border-color:rgb(255, 206, 159) }
```

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, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 31.927, 69.606 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, 159) }
```

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

```
.background{ background-color: rgb(255,  
206, 159) }
```

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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