

Converting Colors

CIELCh(86, 27.819, 64.597)

Have a look what the booklet for
CIELCh(86, 27.819, 64.597) contains.

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Color

CIELCh(86, 27.919, 65.022)

Conversions

Conversions Part 1

Format	Color
Hex	FECEA8
RGB	254, 206, 168
RGB Percent	100%, 81%, 66%
CMY	0.0042, 0.1924, 0.3415
CMYK	0.00, 0.19, 0.34, 0.00
HSL	27°, 98%, 83%
HSV	27°, 34%, 100%
XYZ	69.9587, 67.9871, 46.4462
YIQ	216.0200, 40.8060, -1.6420

Conversions

Conversions Part 2

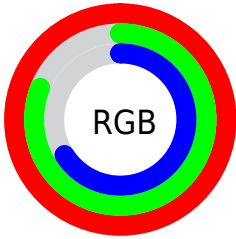
Format	Color
R _Y B	254, 236, 168
Decimal	16699048
CIE Lab	86.00, 11.79, 25.31
CIE LCh	86, 27.919, 65.022
Yxy	67.9871, 0.3794, 0.3687
Android (android.graphics.Color)	4294889128 (0xFFFECEA8)
YUV	216.0200, -23.6739, 33.3085
Hunter-Lab	82.4543, 7.1540, 24.3202

Details

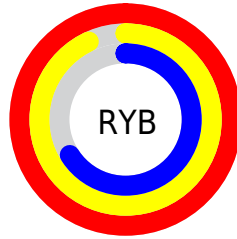
The CIELCh color **86, 27.919, 65.022** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 24.466, 254.185**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 16.187, 108.954**, and **66, 27.825, 65.177** is the 20% darker color. If you saturate the color by 10%, you get **82, 37.234, 63.924**, and if you desaturate by 10%, it is **90, 19.107, 66.147**.

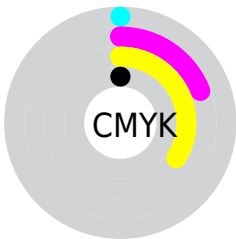
Distribution



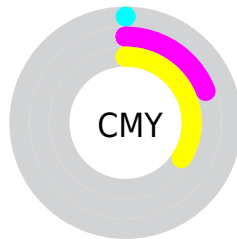
- Red (100%)
- Green (81%)
- Blue (66%)



- Red (100%)
- Yellow (93%)
- 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, 27.919, 65.022 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, 27.919, 65.022 by changing the saturation by 10% instead.

 86, 27.919, 65.022

 86, 27.919, 65.022

 100, 27.919,
65.022

 76, 27.919, 65.022

 66, 27.919, 65.022

 56, 27.919, 65.022

 46, 27.919, 65.022

 36, 27.919, 65.022

 26, 27.919, 65.022

 16, 27.919, 65.022

 6, 27.919, 65.022

 0, 27.919, 65.022

86, 27.919, 65.022

86, 27.919, 65.022

82, 37.234, 63.924

90, 19.107, 66.147

78, 47.019, 62.833

94, 10.785, 67.263

75, 57.143, 61.728

98, 2.920, 68.275

72, 67.280, 60.531

100, 0.375,
201.151

68, 76.736, 59.052

66, 84.291, 56.922

64, 87.761, 55.272

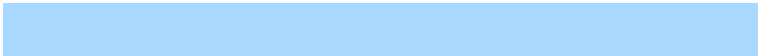
Harmonies

Complementary

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



86, 27.919, 65.022



84, 24.466, 254.185

Rectangle

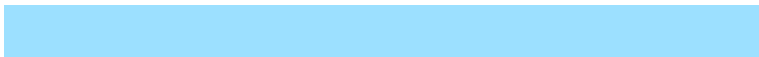
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 27.919, 65.022



86, 27.919, 115.022



86, 27.919, 245.022



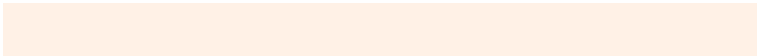
86, 27.919, 295.022

Sweetspot

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



86, 27.919, 65.029



96, 7.719, 67.684



78, 40.159, 343.231



51, 5.288, 67.532



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, 27.919, 65.029



84, 34.634, 64.238



96, 40.466, 103.842



51, 4.383, 67.737



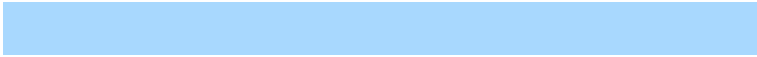
49, 70.568, 55.966



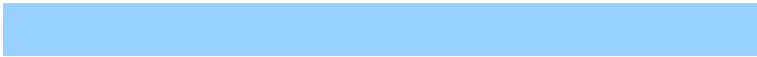
15, 27.181, 56.129

Inverse Universe

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



84, 24.466, 254.185



81, 29.395, 255.796



73, 43.551, 291.926



51, 4.247, 250.114



45, 51.805, 277.878



13, 21.387, 270.904

Previews

White Background



This preview shows how the CIELCh color 86, 27.919, 65.022 looks on a white background.

Color Contrast Check

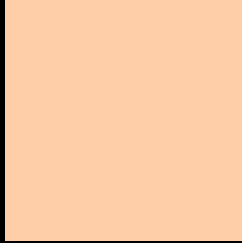
Large Text (above 18pt) WCAG AA × Fail

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, 27.919, 65.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

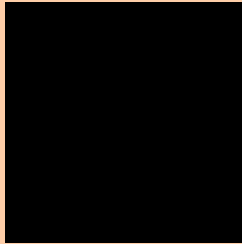
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 27.919, 65.022

Background



This preview shows how black text looks on a background with the CIELCh color 86, 27.919, 65.022.



This preview shows how white text looks on a background with the CIELCh color 86, 27.919, 65.022.

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, 27.919, 65.022

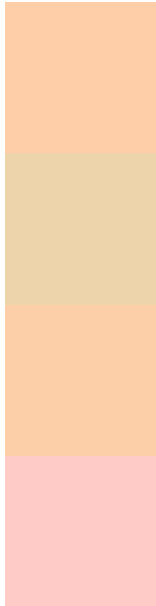
Protanopia
86, 23.067, 94.506

Deuteranopia
86, 27.442, 67.484



Tritanopia
86, 21.238, 1.054

Trichromacy



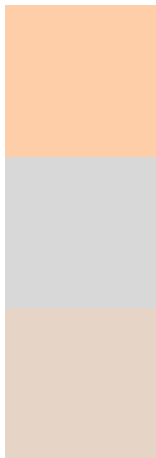
Original Color
86, 27.919, 65.022

Protanomaly
86, 23.805, 82.797

Deuteranomaly
86, 27.721, 66.870

Tritanomaly
86, 20.057, 28.277

Monochromacy



Original Color
86, 27.919, 65.022

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, 27.919, 65.022 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, 206, 168)` looks like.

```
.text, #text, p{  
    color:rgb(254, 206, 168)  
}
```

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, 206, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 206, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 27.919, 65.022 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, 206, 168) }
```

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

```
.border{ border-color:rgb(254, 206, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 206, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 206, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 206, 168);  
box-shadow:4px 4px 4px 4px rgb(254, 206,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 27.919, 65.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 206, 168) }
```

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

```
.background{ background-color: rgb(254,  
206, 168) }
```

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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