

Converting Colors

CIELCh(86, 19.622, 30.314)

Have a look what the booklet for
CIELCh(86, 19.622, 30.314) contains.

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Color

CIELCh(86, 19.786, 29.862)

Conversions

Conversions Part 1

Format	Color
Hex	FECBC5
RGB	254, 203, 197
RGB Percent	100%, 80%, 77%
CMY	0.0029, 0.2030, 0.2265
CMYK	0.00, 0.20, 0.22, 0.00
HSL	6°, 97%, 89%
HSV	6°, 22%, 100%
XYZ	72.4848, 67.9871, 62.2696
YIQ	217.5650, 32.3220, 8.9460

Conversions

Conversions Part 2

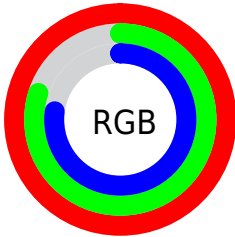
Format	Color
RYB	254, 204, 197
Decimal	16698309
CIELab	86.00, 17.16, 9.85
CIELCh	86, 19.786, 29.862
Yxy	67.9871, 0.3575, 0.3353
Android (android.graphics.Color)	4294888389 (0xFFFEBC5)
YUV	217.5650, -10.1385, 31.9535
Hunter-Lab	82.4543, 12.6227, 12.9421

Details

The CIELCh color **86, 19.786, 29.862** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 16.927, 208.987**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **66, 19.947, 30.650** is the 20% darker color. If you saturate the color by 10%, you get **80, 29.822, 30.511**, and if you desaturate by 10%, it is **92, 10.511, 29.412**.

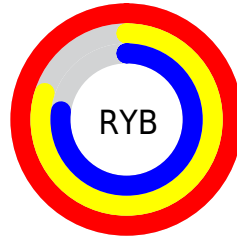
Distribution



Red (100%)

Green (80%)

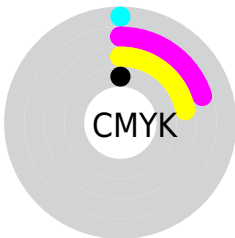
Blue (77%)



Red (100%)

Yellow (80%)

Blue (77%)

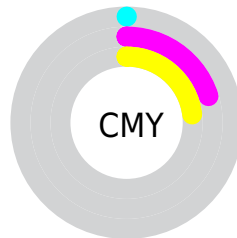


Cyan (0%)

Magenta (20%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 19.786, 29.862 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, 19.786, 29.862 by changing the saturation by 10% instead.

 86, 19.786, 29.862

 86, 19.786, 29.862

 100, 19.786,
29.862

 76, 19.786, 29.862

 66, 19.786, 29.862

 56, 19.786, 29.862

 46, 19.786, 29.862

 36, 19.786, 29.862

 26, 19.786, 29.862

 16, 19.786, 29.862

 6, 19.786, 29.862

 0, 19.786, 29.862

86, 19.786, 29.862

86, 19.786, 29.862

80, 29.822, 30.511

92, 10.511, 29.412

75, 40.619, 31.409

98, 1.967, 28.861

69, 52.100, 32.633

100, 0.258,
201.954

65, 64.091, 34.239

61, 76.257, 36.227

57, 87.943, 38.422

55, 97.707, 40.236

54, 102.704,
40.991

Harmonies

Complementary

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



86, 19.786, 29.862



94, 16.927, 208.987

Rectangle

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



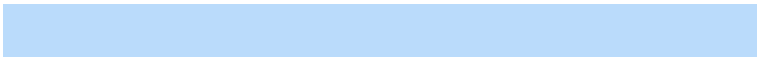
86, 19.786, 29.862



86, 19.786, 79.862



86, 19.786, 209.862



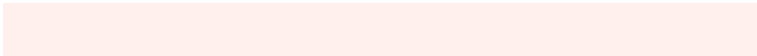
86, 19.786, 259.862

Sweetspot

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



86, 19.784, 29.870



96, 5.803, 29.195



86, 33.429, 328.581



51, 3.780, 29.220



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, 19.784, 29.870



84, 24.340, 30.136



93, 19.653, 82.477



50, 4.763, 29.297



41, 82.598, 41.231



11, 31.399, 32.339

Inverse Universe

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



94, 16.927, 208.987



94, 20.091, 209.008



87, 19.169, 268.807



52, 4.476, 209.093



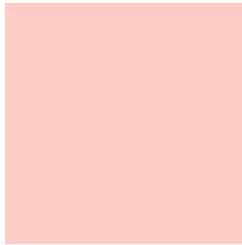
64, 35.803, 215.327



21, 16.632, 212.778

Previews

White Background



This preview shows how the CIELCh color 86, 19.786, 29.862 looks on a white background.

Color Contrast Check

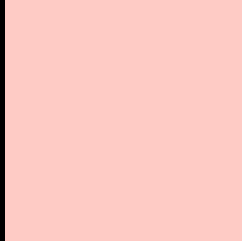
Large Text (above 18pt) WCAG AA × Fail

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, 19.786, 29.862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

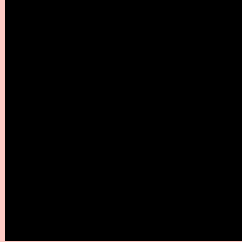
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 19.786, 29.862

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.786, 29.862.

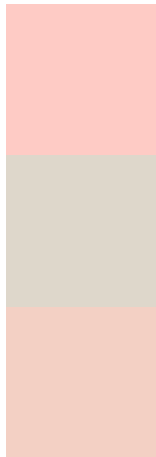


This preview shows how white text looks on a background with the CIELCh color 86, 19.786, 29.862.

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, 19.786, 29.862

Protanopia

86, 6.767, 87.099

Deuteranopia

86, 14.773, 45.219



Tritanopia
86, 21.389, 359.723

Trichromacy



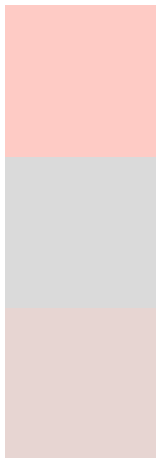
Original Color
86, 19.786, 29.862

Protanomaly
86, 10.095, 50.955

Deuteranomaly
86, 16.547, 38.750

Tritanomaly
86, 20.139, 10.588

Monochromacy



Original Color
86, 19.786, 29.862

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 6.810, 33.054

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.786, 29.862 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, 203, 197)` looks like.

```
.text, #text, p{  
    color:rgb(254, 203, 197)  
}
```

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, 203, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 203, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.786, 29.862 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, 203, 197) }
```

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

```
.border{ border-color:rgb(254, 203, 197) }
```

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

Here you see how a box with a 4 pixel rgb(254, 203, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 203, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 203, 197);  
box-shadow:4px 4px 4px 4px rgb(254, 203,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.786, 29.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 203, 197) }
```

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

```
.background{ background-color: rgb(254,  
203, 197) }
```

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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