

Converting Colors

CIELCh(86, 20.005, 8.318)

Have a look what the booklet for
CIELCh(86, 20.005, 8.318) contains.

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Color

CIELCh(86, 19.829, 8.865)

Conversions

Conversions Part 1

Format	Color
Hex	FECAD2
RGB	254, 202, 210
RGB Percent	100%, 79%, 82%
CMY	0.0038, 0.2077, 0.1763
CMYK	0.00, 0.20, 0.17, 0.00
HSL	351°, 96%, 89%
HSV	351°, 20%, 100%
XYZ	73.6492, 67.9871, 70.2342
YIQ	218.4600, 28.4240, 13.5120

Conversions

Conversions Part 2

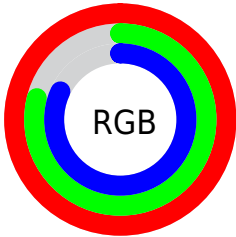
Format	Color
RYB	254, 202, 210
Decimal	16698066
CIELab	86.00, 19.59, 3.06
CIElCh	86, 19.829, 8.865
Yxy	67.9871, 0.3476, 0.3209
Android (android.graphics.Color)	4294888146 (0xFFFECAD2)
YUV	218.4600, -4.1708, 31.1686
Hunter-Lab	82.4543, 15.1435, 7.2150

Details

The CIELCh color **86, 19.829, 8.865** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 18.018, 185.090**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 19.849, 8.655** is the 20% darker color. If you saturate the color by 10%, you get **80, 30.301, 10.217**, and if you desaturate by 10%, it is **93, 9.852, 7.739**.

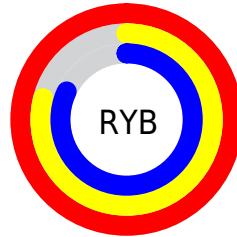
Distribution



Red (100%)

Green (79%)

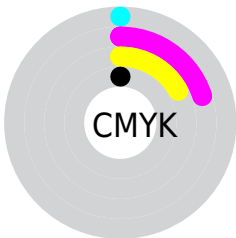
Blue (82%)



Red (100%)

Yellow (79%)

Blue (82%)

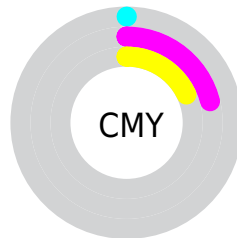


Cyan (0%)

Magenta (20%)

Yellow (17%)

Black (0%)



Cyan (0%)

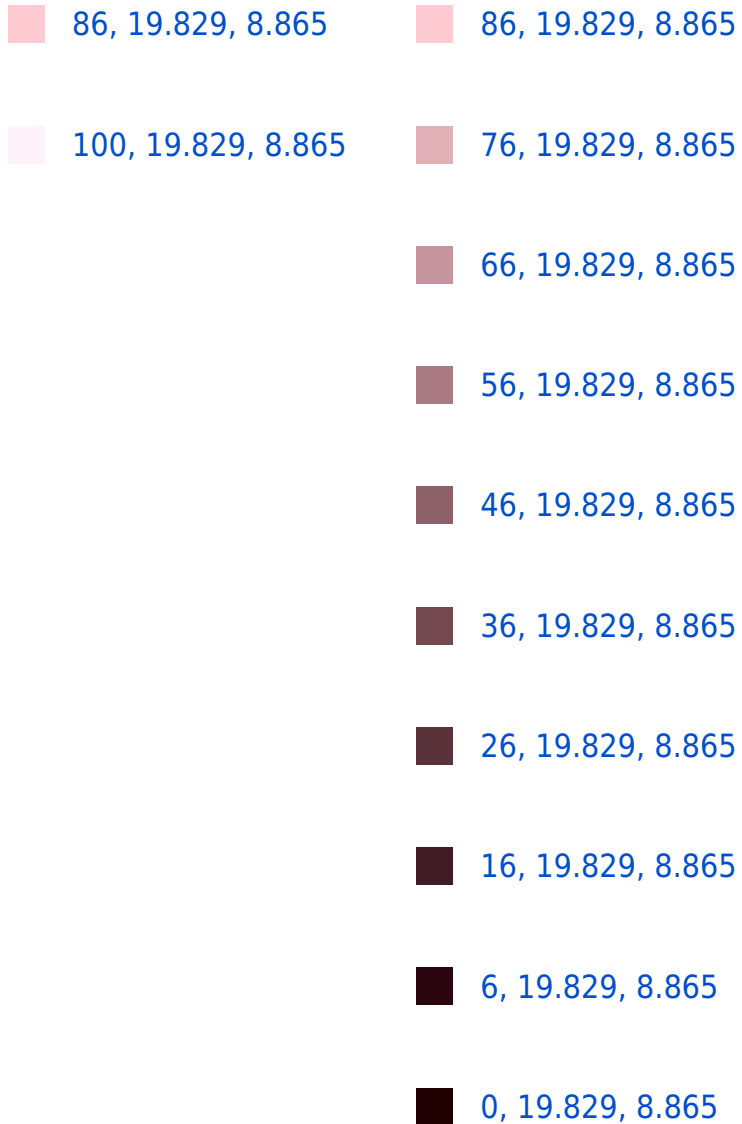
Magenta (21%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 19.829, 8.865 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, 19.829, 8.865 by changing the saturation by 10% instead.



86, 19.829, 8.865

86, 19.829, 8.865

80, 30.301, 10.217

93, 9.852, 7.739

74, 41.139, 11.876

99, 0.431, 5.429

68, 52.105, 13.960

100, 0.336,
201.357

63, 62.849, 16.606

59, 72.965, 19.963

56, 82.101, 24.127

54, 90.074, 29.000

53, 96.598, 33.752

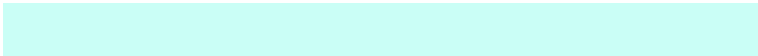
Harmonies

Complementary

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



86, 19.829, 8.865



96, 18.018, 185.090

Rectangle

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



86, 19.829, 8.865



86, 19.829, 58.865



86, 19.829, 188.865



86, 19.829, 238.865

Sweetspot

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



86, 19.827, 8.871



96, 5.590, 7.260



86, 31.152, 320.733



51, 3.715, 7.332



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, 19.827, 8.871



83, 24.593, 9.449



90, 15.984, 54.080



50, 5.352, 7.637



40, 77.284, 32.835



10, 32.257, 20.858

Inverse Universe

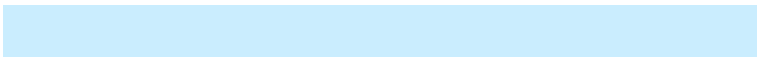
The Inverse Universe completely reimagines the original color for something new.



86, 19.827, 8.871



83, 24.593, 9.449



92, 14.313, 237.832



50, 5.352, 7.637



40, 77.284, 32.835



10, 32.257, 20.858

Previews

White Background



This preview shows how the CIELCh color 86, 19.829, 8.865 looks on a white background.

Color Contrast Check

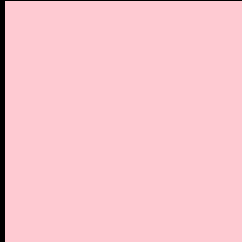
Large Text (above 18pt) WCAG AA × Fail

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, 19.829, 8.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

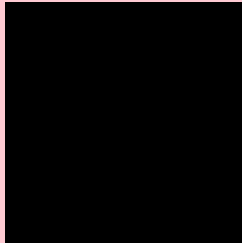
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 19.829, 8.865

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.829, 8.865.

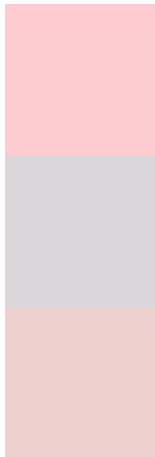


This preview shows how white text looks on a background with the CIELCh color 86, 19.829, 8.865.

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, 19.829, 8.865

Protanopia

86, 2.413, 338.637

Deuteranopia

86, 11.520, 17.637



Tritanopia
86, 21.553, 358.412

Trichromacy



Original Color
86, 19.829, 8.865

Protanomaly
86, 8.335, 5.461

Deuteranomaly
86, 14.230, 14.167

Tritanomaly
86, 21.098, 2.404

Monochromacy



Original Color
86, 19.829, 8.865

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 7.127, 7.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.829, 8.865 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, 202, 210)` looks like.

```
.text, #text, p{  
    color:rgb(254, 202, 210)  
}
```

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, 202, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 202, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.829, 8.865 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, 202, 210) }
```

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

```
.border{ border-color:rgb(254, 202, 210) }
```

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

Here you see how a box with a 4 pixel rgb(254, 202, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 202, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 202, 210);  
box-shadow:4px 4px 4px 4px rgb(254, 202,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.829, 8.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 202, 210) }
```

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

```
.background{ background-color: rgb(254,  
202, 210) }
```

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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