

Converting Colors

CIELCh(87, 26.034, 5.159)

Have a look what the booklet for
CIELCh(87, 26.034, 5.159) contains.

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Color

CIELCh(86, 21.611, 1.445)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9D7
RGB	255, 201, 215
RGB Percent	100%, 79%, 84%
CMY	0.0000, 0.2126, 0.1577
CMYK	0.00, 0.21, 0.16, 0.00
HSL	345°, 100%, 89%
HSV	345°, 21%, 100%
XYZ	74.6215, 67.9871, 73.3403
YIQ	218.7420, 27.6900, 15.8020

Conversions

Conversions Part 2

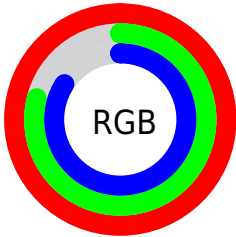
Format	Color
R _Y B	255, 201, 215
Decimal	16763351
CIE Lab	86.00, 21.60, 0.54
CIE LCh	86, 21.611, 1.445
Yxy	67.9871, 0.3456, 0.3148
Android (android.graphics.Color)	4294953431 (0xFFFFC9D7)
YUV	218.7420, -1.8448, 31.7983
Hunter-Lab	82.4543, 17.2482, 4.9815

Details

The CIELCh color **86, 21.611, 1.445** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 19.830, 176.902**, 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, 21.177, 1.916** is the 20% darker color. If you saturate the color by 10%, you get **80, 31.918, 2.503**, and if you desaturate by 10%, it is **92, 11.046, 359.963**.

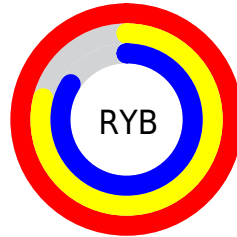
Distribution



Red (100%)

Green (79%)

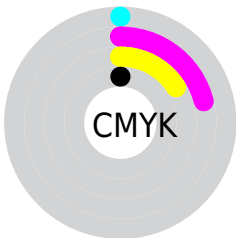
Blue (84%)



Red (100%)

Yellow (79%)

Blue (84%)

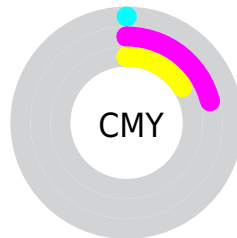


Cyan (0%)

Magenta (21%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 21.611, 1.445 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, 21.611, 1.445 by changing the saturation by 10% instead.



86, 21.611, 1.445

86, 21.611, 1.445

80, 31.918, 2.503

92, 11.046,
359.963

74, 42.665, 4.153

99, 1.209, 358.544

68, 53.255, 6.190

100, 0.012,
296.813

63, 63.270, 8.751

59, 72.242, 12.003

56, 79.802, 16.107

55, 85.888, 21.125

54, 90.415, 26.006

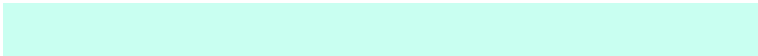
Harmonies

Complementary

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



86, 21.611, 1.445



96, 19.830, 176.902

Rectangle

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



86, 21.611, 1.445



86, 21.611, 51.445



86, 21.611, 181.445



86, 21.611, 231.445

Sweetspot

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



86, 21.315, 1.134



96, 5.817, 359.380



86, 31.660, 317.695



51, 3.864, 359.454



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, 21.315, 1.134



83, 26.311, 1.754



89, 17.183, 42.738



50, 5.556, 359.770



40, 72.273, 24.924



10, 31.656, 15.488

Inverse Universe

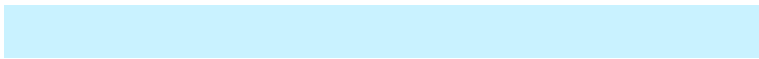
The Inverse Universe completely reimagines the original color for something new.



86, 21.315, 1.134



83, 26.311, 1.754



93, 14.965, 224.630



50, 5.556, 359.770



40, 72.273, 24.924



10, 31.656, 15.488

Previews

White Background



This preview shows how the CIELCh color 86, 21.611, 1.445 looks on a white background.

Color Contrast Check

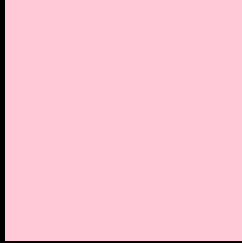
Large Text (above 18pt) WCAG AA × Fail

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, 21.611, 1.445 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, 21.611, 1.445

Background



This preview shows how black text looks on a background with the CIELCh color 86, 21.611, 1.445.

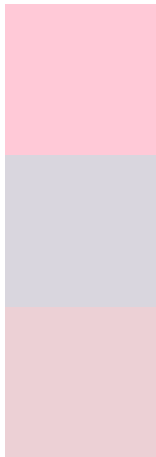


This preview shows how white text looks on a background with the CIELCh color 86, 21.611, 1.445.

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, 21.238, 1.054

Protanopia

86, 4.353, 304.752

Deuteranopia

86, 10.633, 5.969



Tritanopia
86, 21.389, 359.723

Trichromacy



Original Color
86, 21.238, 1.054

Protanomaly
86, 9.578, 346.960

Deuteranomaly
86, 14.776, 2.017

Tritanomaly
86, 21.389, 359.723

Monochromacy



Original Color
86, 21.238, 1.054

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 7.758, 0.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 21.611, 1.445 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, 201, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 215)  
}
```

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, 201, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 21.611, 1.445 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, 201, 215) }
```

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

```
.border{ border-color:rgb(255, 201, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 21.611, 1.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 215) }
```

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

```
.background{ background-color: rgb(255,  
201, 215) }
```

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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