

Converting Colors

CIELCh(98, 64.100, 4.858)

Have a look what the booklet for
CIELCh(98, 64.100, 4.858) contains.

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Color

CIElCh(86, 30.810, 333.533)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6F2
RGB	255, 198, 242
RGB Percent	100%, 78%, 95%
CMY	0.0000, 0.2250, 0.0524
CMYK	0.00, 0.22, 0.05, 0.00
HSL	314°, 100%, 89%
HSV	314°, 22%, 100%
XYZ	77.5599, 67.9871, 92.7557
YIQ	220.0590, 19.8480, 25.7680

Conversions

Conversions Part 2

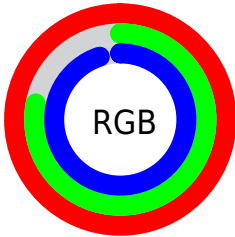
Format	Color
RYB	255, 198, 242
Decimal	16762610
CIELab	86.00, 27.58, -13.73
CIElCh	86, 30.810, 333.533
Yxy	67.9871, 0.3255, 0.2853
Android (android.graphics.Color)	4294952690 (0xFFFFC6F2)
YUV	220.0590, 10.8169, 30.6433
Hunter-Lab	82.4543, 23.6095, -8.9794

Details

The CIELCh color **86, 30.810, 333.533** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 30.491, 150.043**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 30.490, 333.092** is the 20% darker color. If you saturate the color by 10%, you get **80, 44.214, 333.908**, and if you desaturate by 10%, it is **92, 16.964, 332.494**.

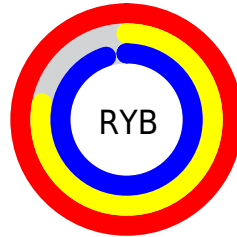
Distribution



Red (100%)

Green (78%)

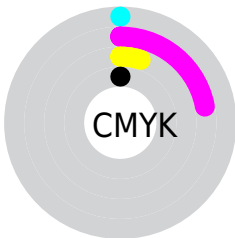
Blue (95%)



Red (100%)

Yellow (78%)

Blue (95%)

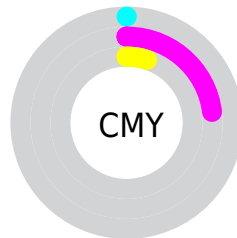


Cyan (0%)

Magenta (22%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 30.810, 333.533 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, 30.810, 333.533 by changing the saturation by 10% instead.


 86, 30.810,
333.533


 86, 30.810,
333.533


 100, 30.810,
333.533


 76, 30.810,
333.533

 66, 30.810,
333.533

 56, 30.810,
333.533

 46, 30.810,
333.533

 36, 30.810,
333.533

 26, 30.810,
333.533

 16, 30.810,

333.533

■ 6, 30.810, 333.533

■ 0, 30.810, 333.533

■ 86, 30.810,
333.533

■ 86, 30.810,
333.533

■ 80, 44.214,
333.908

■ 92, 16.964,
332.494

■ 75, 57.274,
334.660

■ 98, 3.372, 331.750

■ 70, 69.349,
335.454

100, 0.012,
296.813

■ 65, 79.838,
336.302

■ 62, 88.094,

337.231

■ 59, 93.576,
338.277

■ 58, 96.059,
339.491

■ 57, 96.300,
340.526

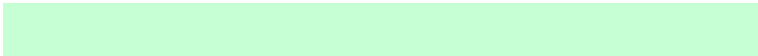
Harmonies

Complementary

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



86, 30.810, 333.533



95, 30.491, 150.043

Rectangle

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



86, 30.810, 333.533



86, 30.810, 23.533



86, 30.810, 153.533



86, 30.810, 203.533

Sweetspot

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



86, 30.659, 333.188



96, 9.464, 332.113



82, 30.800, 300.367



50, 6.152, 332.156



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, 30.659, 333.188



83, 36.794, 333.508



85, 22.832, 359.493



50, 7.701, 332.288



43, 77.789, 340.260



11, 36.525, 338.483

Inverse Universe

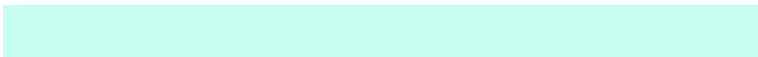
The Inverse Universe completely reimagines the original color for something new.



86, 30.659, 333.188



83, 36.794, 333.508



96, 21.282, 174.965



50, 7.701, 332.288



43, 77.789, 340.260



11, 36.525, 338.483

Previews

White Background



This preview shows how the CIELCh color 86, 30.810, 333.533 looks on a white background.

Color Contrast Check

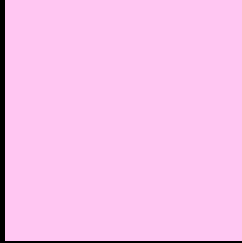
Large Text (above 18pt) WCAG AA × Fail

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, 30.810, 333.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

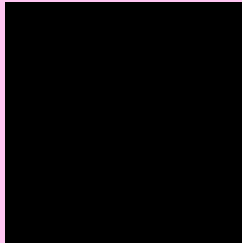
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 30.810, 333.533

Background



This preview shows how black text looks on a background with the CIELCh color 86, 30.810, 333.533.



This preview shows how white text looks on a background with the CIELCh color 86, 30.810, 333.533.

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, 30.559, 332.996

Protanopia

86, 20.512, 287.248

Deuteranopia

86, 16.797, 310.772

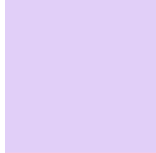


Tritanopia
86, 20.166, 356.602

Trichromacy



Original Color
86, 30.559, 332.996



Protanomaly
86, 22.523, 307.736



Deuteranomaly
86, 21.434, 322.001

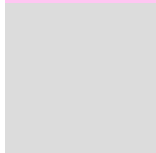


Tritanomaly
86, 23.790, 344.987

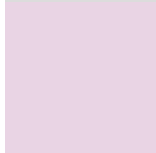
Monochromacy



Original Color
86, 30.559, 332.996



Achromatopsia
88, 0.010, 296.813



Achromatomaly
87, 11.300, 332.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 30.810, 333.533 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, 198, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 242)  
}
```

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, 198, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 30.810, 333.533 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, 198, 242) }
```

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

```
.border{ border-color:rgb(255, 198, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 30.810, 333.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 242) }
```

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

```
.background{ background-color: rgb(255,  
198, 242) }
```

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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