

Converting Colors

CIELCh(86, 27.273, 338.908)

Have a look what the booklet for
CIELCh(86, 27.273, 338.908)
contains.

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Color

CIELCh(86, 27.112, 339.186)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7EA
RGB	255, 199, 234
RGB Percent	100%, 78%, 92%
CMY	0.0003, 0.2199, 0.0827
CMYK	0.00, 0.22, 0.08, 0.00
HSL	323°, 100%, 89%
HSV	323°, 22%, 100%
XYZ	76.4506, 67.9871, 86.8707
YIQ	219.7340, 22.1410, 22.7570

Conversions

Conversions Part 2

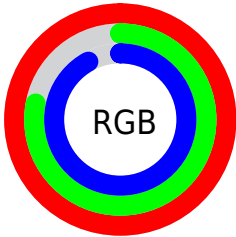
Format	Color
R _Y B	255, 199, 234
Decimal	16762858
CIE Lab	86.00, 25.34, -9.63
CIE LCh	86, 27.112, 339.186
Yxy	67.9871, 0.3305, 0.2939
Android (android.graphics.Color)	4294952938 (0xFFFFC7EA)
YUV	219.7340, 7.0331, 30.9283
Hunter-Lab	82.4543, 21.2081, -4.7477

Details

The CIELCh color **86, 27.112, 339.186** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 26.727, 155.698**, 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, 26.903, 339.685** is the 20% darker color. If you saturate the color by 10%, you get **80, 39.498, 340.085**, and if you desaturate by 10%, it is **92, 14.671, 338.356**.

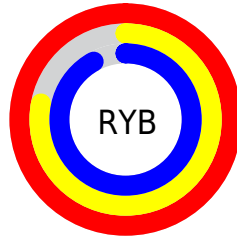
Distribution



Red (100%)

Green (78%)

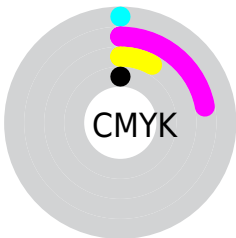
Blue (92%)



Red (100%)

Yellow (78%)

Blue (92%)

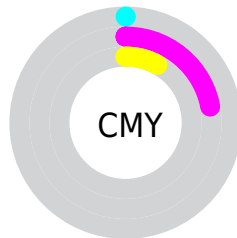


Cyan (0%)

Magenta (22%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 27.112, 339.186 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, 27.112, 339.186 by changing the saturation by 10% instead.

 86, 27.112,
339.186

 86, 27.112,
339.186

 100, 27.112,
339.186

 76, 27.112,
339.186

 66, 27.112,
339.186

 56, 27.112,
339.186

 46, 27.112,
339.186

 36, 27.112,
339.186

 26, 27.112,
339.186

 16, 27.112,

339.186

■ 6, 27.112, 339.186

■ 0, 27.112, 339.186

■ 86, 27.112,
339.186

■ 86, 27.112,
339.186

■ 80, 39.498,
340.085

■ 92, 14.671,
338.356

■ 74, 51.519,
341.076

■ 99, 2.391, 337.448

■ 69, 62.723,
342.191

100, 0.031,
221.266

■ 65, 72.535,
343.477

■ 61, 80.314,

345.004

■ 58, 85.508,
346.867

■ 57, 87.868,
349.183

■ 56, 88.083,
351.401

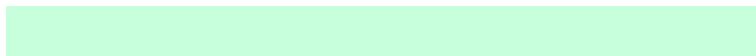
Harmonies

Complementary

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



86, 27.112, 339.186



95, 26.727, 155.698

Rectangle

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



86, 27.112, 339.186



86, 27.112, 29.186



86, 27.112, 159.186



86, 27.112, 209.186

Sweetspot

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



86, 27.109, 339.187



95, 8.548, 337.953



84, 30.525, 305.554



50, 5.557, 338.002



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, 27.109, 339.187



84, 32.138, 339.540



85, 21.354, 10.635



50, 6.959, 338.157



42, 71.192, 350.854



11, 33.567, 347.212

Inverse Universe

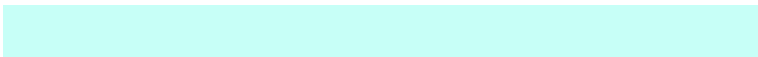
The Inverse Universe completely reimagines the original color for something new.



86, 27.109, 339.187



84, 32.138, 339.540



96, 19.147, 186.643



50, 6.959, 338.157



42, 71.192, 350.854



11, 33.567, 347.212

Previews

White Background



This preview shows how the CIELCh color 86, 27.112, 339.186 looks on a white background.

Color Contrast Check

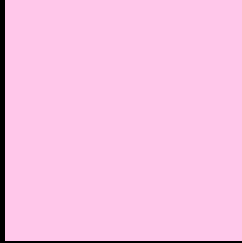
Large Text (above 18pt) WCAG AA × Fail

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, 27.112, 339.186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

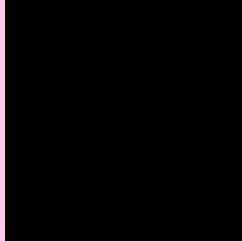
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 27.112, 339.186

Background



This preview shows how black text looks on a background with the CIELCh color 86, 27.112, 339.186.



This preview shows how white text looks on a background with the CIELCh color 86, 27.112, 339.186.

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



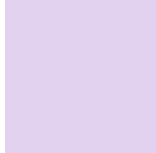


Tritanopia
86, 20.329, 358.439

Trichromacy



Original Color
86, 27.112, 339.186



Protanomaly
86, 17.528, 312.382



Deuteranomaly
86, 18.858, 329.713

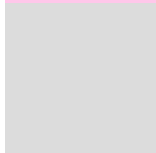


Tritanomaly
86, 22.455, 350.504

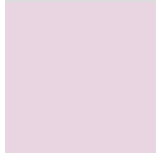
Monochromacy



Original Color
86, 27.112, 339.186



Achromatopsia
88, 0.010, 296.813



Achromatomaly
87, 10.205, 338.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 27.112, 339.186 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, 199, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 234)  
}
```

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, 199, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 27.112, 339.186 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, 199, 234) }
```

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

```
.border{ border-color:rgb(255, 199, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 27.112, 339.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 234) }
```

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

```
.background{ background-color: rgb(255,  
199, 234) }
```

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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