

Converting Colors

CIELCh(86, 26.258, 341.636)

Have a look what the booklet for
CIELCh(86, 26.258, 341.636)
contains.

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Color

CIELCh(86, 26.151, 341.805)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7E7
RGB	255, 199, 231
RGB Percent	100%, 78%, 91%
CMY	0.0000, 0.2190, 0.0935
CMYK	0.00, 0.22, 0.09, 0.00
HSL	326°, 100%, 89%
HSV	326°, 22%, 100%
XYZ	76.2047, 67.9871, 84.8243
YIQ	219.3920, 23.1040, 21.8240

Conversions

Conversions Part 2

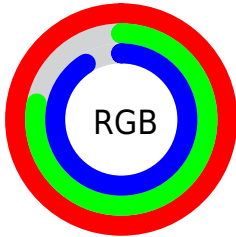
Format	Color
R _Y B	255, 199, 231
Decimal	16762855
CIE Lab	86.00, 24.84, -8.17
CIE LCh	86, 26.151, 341.805
Yxy	67.9871, 0.3327, 0.2969
Android (android.graphics.Color)	4294952935 (0xFFFFC7E7)
YUV	219.3920, 5.7227, 31.2282
Hunter-Lab	82.4543, 20.6756, -3.2762

Details

The CIELCh color **86, 26.151, 341.805** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 25.612, 158.061**, 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, 25.915, 342.501** is the 20% darker color. If you saturate the color by 10%, you get **80, 38.120, 342.691**, and if you desaturate by 10%, it is **92, 14.074, 340.828**.

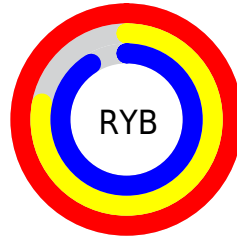
Distribution



Red (100%)

Green (78%)

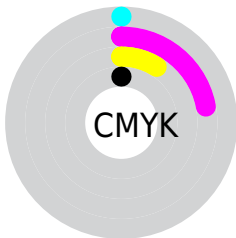
Blue (91%)



Red (100%)

Yellow (78%)

Blue (91%)

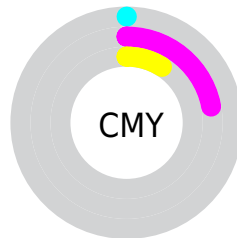


Cyan (0%)

Magenta (22%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 26.151, 341.805 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, 26.151, 341.805 by changing the saturation by 10% instead.


 86, 26.151,
341.805


 86, 26.151,
341.805


 100, 26.151,
341.805


 76, 26.151,
341.805

 66, 26.151,
341.805

 56, 26.151,
341.805

 46, 26.151,
341.805

 36, 26.151,
341.805

 26, 26.151,
341.805

 16, 26.151,

341.805

■ 6, 26.151, 341.805

■ 0, 26.151, 341.805

■ 86, 26.151,
341.805

■ 86, 26.151,
341.805

■ 80, 38.120,
342.691

■ 92, 14.074,
340.828

■ 74, 49.820,
343.784

■ 99, 2.226, 339.856

■ 69, 60.768,
345.037

100, 0.012,
296.813

■ 65, 70.400,
346.512

■ 61, 78.089,

348.298

■ 58, 83.288,
350.515

■ 56, 85.766,
353.305

■ 55, 86.169,
356.016

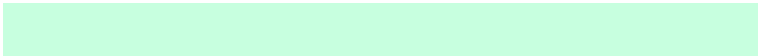
Harmonies

Complementary

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



86, 26.151, 341.805



96, 25.612, 158.061

Rectangle

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



86, 26.151, 341.805



86, 26.151, 31.805



86, 26.151, 161.805



86, 26.151, 211.805

Sweetspot

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



86, 26.103, 341.717



95, 8.240, 340.405



84, 30.655, 307.274



50, 5.357, 340.458



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, 26.103, 341.717



83, 31.049, 342.105



85, 21.190, 14.523



50, 6.709, 340.622



42, 69.591, 355.350



11, 32.742, 350.906

Inverse Universe

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



86, 26.103, 341.717



83, 31.049, 342.105



96, 18.734, 190.904



50, 6.709, 340.622



42, 69.591, 355.350



11, 32.742, 350.906

Previews

White Background



This preview shows how the CIELCh color 86, 26.151, 341.805 looks on a white background.

Color Contrast Check

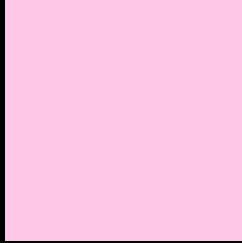
Large Text (above 18pt) WCAG AA × Fail

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, 26.151, 341.805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

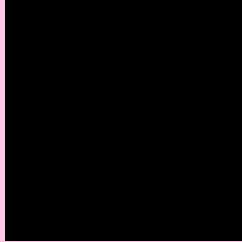
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 26.151, 341.805

Background



This preview shows how black text looks on a background with the CIELCh color 86, 26.151, 341.805.



This preview shows how white text looks on a background with the CIELCh color 86, 26.151, 341.805.

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, 26.151, 341.805

Protanopia
86, 13.653, 288.452

Deuteranopia
86, 12.948, 326.231



Tritanopia
86, 20.329, 358.439

Trichromacy



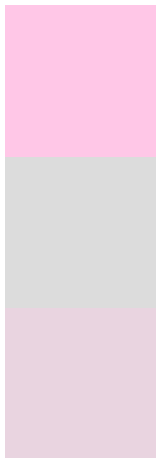
Original Color
86, 26.151, 341.805

Protanomaly
86, 16.218, 315.536

Deuteranomaly
86, 17.927, 333.832

Tritanomaly
86, 22.220, 351.688

Monochromacy



Original Color
86, 26.151, 341.805

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 9.869, 340.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 26.151, 341.805 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 26.151, 341.805 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, 231) }
```

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

```
.border{ border-color:rgb(255, 199, 231) }
```

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, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 26.151, 341.805 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, 231) }
```

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

```
.background{ background-color: rgb(255,  
199, 231) }
```

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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