

Converting Colors

CIELCh(87, 26.899, 336.665)

Have a look what the booklet for
CIELCh(87, 26.899, 336.665)
contains.

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Color

CIELCh(87, 26.976, 335.833)

Conversions

Conversions Part 1

Format	Color
Hex	FFCAEF
RGB	255, 202, 239
RGB Percent	100%, 79%, 94%
CMY	0.0000, 0.2063, 0.0612
CMYK	0.00, 0.21, 0.06, 0.00
HSL	318°, 100%, 90%
HSV	318°, 21%, 100%
XYZ	78.2298, 70.0064, 91.3489
YIQ	222.0650, 19.7110, 22.7430

Conversions

Conversions Part 2

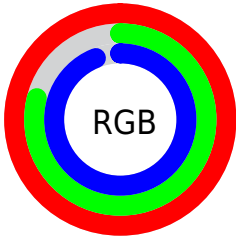
Format	Color
R_{YB}	255, 202, 239
Decimal	16763631
CIE _{Lab}	87.00, 24.61, -11.04
CIE _{LCh}	87, 26.976, 335.833
Yxy	70.0064, 0.3265, 0.2922
Android (android.graphics.Color)	4294953711 (0xFFFFCAEF)
YUV	222.0650, 8.3490, 28.8840
Hunter-Lab	83.6698, 20.4720, -6.1626

Details

The CIELCh color **87, 26.976, 335.833** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 26.656, 152.588**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 26.751, 336.072** is the 20% darker color. If you saturate the color by 10%, you get **81, 39.923, 336.392**, and if you desaturate by 10%, it is **93, 13.774, 334.859**.

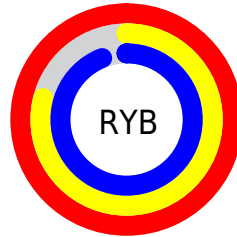
Distribution



Red (100%)

Green (79%)

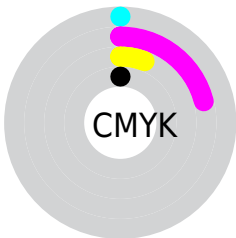
Blue (94%)



Red (100%)

Yellow (79%)

Blue (94%)

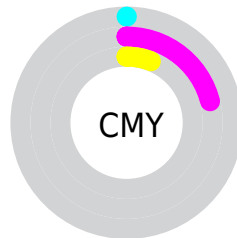


Cyan (0%)

Magenta (21%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 26.976, 335.833 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 87, 26.976, 335.833 by changing the saturation by 10% instead.


 87, 26.976,
335.833


 87, 26.976,
335.833


 100, 26.976,
335.833


 77, 26.976,
335.833

 67, 26.976,
335.833

 57, 26.976,
335.833

 47, 26.976,
335.833

 37, 26.976,
335.833

 27, 26.976,
335.833

 17, 26.976,

335.833

■ 7, 26.976, 335.833

■ 0, 26.976, 335.833

■ 87, 26.976,
335.833

■ 87, 26.976,
335.833

■ 81, 39.923,
336.392

■ 93, 13.774,
334.859

■ 75, 52.591,
337.234

100, 0.823,
333.707

■ 70, 64.431,
338.148

100, 0.012,
296.813

■ 66, 74.868,
339.160

■ 62, 83.255,

340.310

■ 59, 89.012,
341.656

■ 58, 91.830,
343.275

■ 57, 92.156,
345.078

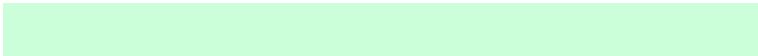
Harmonies

Complementary

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



87, 26.976, 335.833



96, 26.656, 152.588

Rectangle

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



87, 26.976, 335.833



87, 26.976, 25.833



87, 26.976, 155.833



87, 26.976, 205.833

Sweetspot

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



87, 26.877, 335.606



96, 7.743, 334.512



84, 28.330, 302.552



51, 5.139, 334.562



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 26.877, 335.606



84, 32.595, 335.943



86, 20.375, 4.118



50, 7.357, 334.775



43, 74.471, 344.697



11, 35.084, 342.154

Inverse Universe

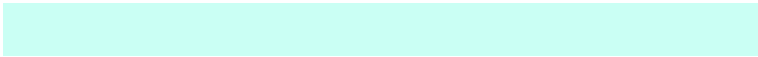
The Inverse Universe completely reimagines the original color for something new.



87, 26.877, 335.606



84, 32.595, 335.943



96, 18.806, 180.088



50, 7.357, 334.775



43, 74.471, 344.697



11, 35.084, 342.154

Previews

White Background



This preview shows how the CIELCh color 87, 26.976, 335.833 looks on a white background.

Color Contrast Check

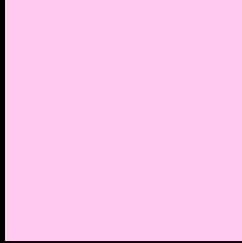
Large Text (above 18pt) WCAG AA × Fail

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 87, 26.976, 335.833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

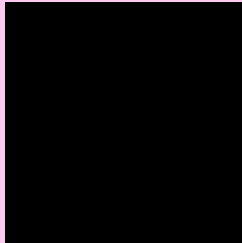
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 26.976, 335.833

Background



This preview shows how black text looks on a background with the CIELCh color 87, 26.976, 335.833.



This preview shows how white text looks on a background with the CIELCh color 87, 26.976, 335.833.

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
87, 26.976, 335.833

Protanopia
87, 16.775, 288.114

Deuteranopia
87, 15.086, 315.936

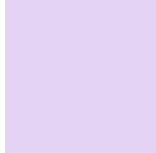


Tritanopia
87, 19.440, 355.591

Trichromacy



Original Color
87, 26.976, 335.833



Protanomaly
87, 18.856, 309.700



Deuteranomaly
87, 19.002, 325.118

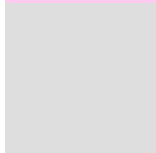


Tritanomaly
87, 21.991, 346.510

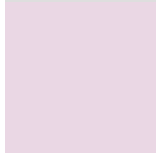
Monochromacy



Original Color
87, 26.976, 335.833



Achromatopsia
88, 0.011, 296.813



Achromatomaly
88, 9.657, 335.455

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 26.976, 335.833 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, 202, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 239)  
}
```

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, 202, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 26.976, 335.833 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, 202, 239) }
```

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

```
.border{ border-color:rgb(255, 202, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 26.976, 335.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 239) }
```

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

```
.background{ background-color: rgb(255,  
202, 239) }
```

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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