

Converting Colors

CIELCh(88, 35.288, 330.958)

Have a look what the booklet for
CIELCh(88, 35.288, 330.958)
contains.

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Color

CIELCh(87, 33.449, 326.108)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9FE
RGB	255, 201, 254
RGB Percent	100%, 79%, 100%
CMY	0.0010, 0.2127, 0.0049
CMYK	0.00, 0.21, 0.00, 0.00
HSL	301°, 99%, 89%
HSV	301°, 21%, 100%
XYZ	79.8201, 70.0064, 102.8541
YIQ	223.1880, 15.1710, 27.9310

Conversions

Conversions Part 2

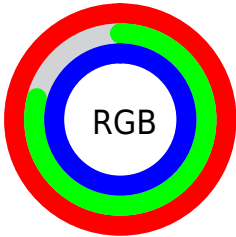
Format	Color
R_{YB}	255, 201, 254
Decimal	16763390
CIE _{Lab}	87.00, 27.77, -18.65
CIE _{LCh}	87, 33.449, 326.108
Yxy	70.0064, 0.3159, 0.2771
Android (android.graphics.Color)	4294953470 (0xFFFFC9FE)
YUV	223.1880, 15.1903, 27.8991
Hunter-Lab	83.6698, 23.8648, -14.3155

Details

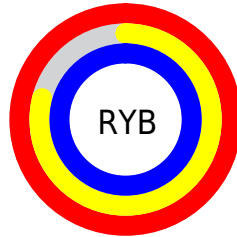
The CIELCh color **87, 33.449, 326.108** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 33.423, 143.543**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 33.100, 326.372** is the 20% darker color. If you saturate the color by 10%, you get **81, 49.112, 326.657**, and if you desaturate by 10%, it is **93, 17.608, 325.542**.

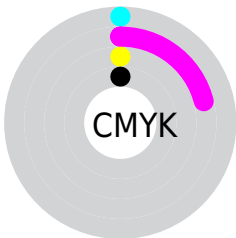
Distribution



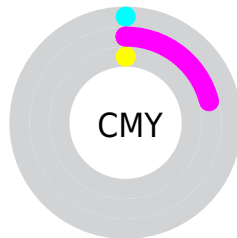
- Red (100%)
- Green (79%)
- Blue (100%)



- Red (100%)
- Yellow (79%)
- Blue (100%)



- Cyan (0%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 33.449, 326.108 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, 33.449, 326.108 by changing the saturation by 10% instead.


 87, 33.449,
326.108


 87, 33.449,
326.108


 100, 33.449,
326.108


 77, 33.449,
326.108

 67, 33.449,
326.108

 57, 33.449,
326.108

 47, 33.449,
326.108

 37, 33.449,
326.108

 27, 33.449,
326.108

 17, 33.449,

326.108

■ 7, 33.449, 326.108

■ 0, 33.449, 326.108

■ 87, 33.449,
326.108

■ 87, 33.449,
326.108

■ 81, 49.112,
326.657

■ 93, 17.608,
325.542

■ 76, 64.218,
327.179

■ 99, 1.870, 324.835

■ 71, 78.254,
327.659

100, 0.090,
206.785

■ 67, 90.615,
328.080

■ 64, 100.672,

328.429

■ 62, 107.922,
328.697

■ 61, 112.162,
328.884

■ 60, 113.787,
328.995

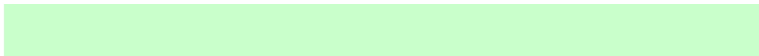
Harmonies

Complementary

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



87, 33.449, 326.108



95, 33.423, 143.543

Rectangle

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



87, 33.449, 326.108



87, 33.449, 16.108



87, 33.449, 146.108



87, 33.449, 196.108

Sweetspot

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



87, 33.446, 326.108



96, 9.420, 325.237



83, 28.627, 293.207



51, 6.250, 325.276



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, 33.446, 326.108



85, 39.483, 326.320



86, 23.812, 346.476



50, 8.944, 325.445



45, 91.743, 328.981



12, 42.280, 328.890

Inverse Universe

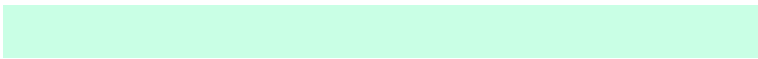
The Inverse Universe completely reimagines the original color for something new.



87, 33.446, 326.108



85, 39.483, 326.320



96, 23.132, 162.654



50, 8.944, 325.445



45, 91.743, 328.981



12, 42.280, 328.890

Previews

White Background



This preview shows how the CIELCh color 87, 33.449, 326.108 looks on a white background.

Color Contrast Check

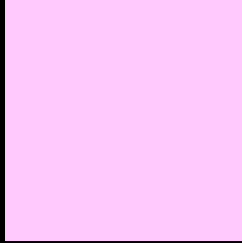
Large Text (above 18pt) WCAG AA × Fail

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, 33.449, 326.108 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, 33.449, 326.108

Background



This preview shows how black text looks on a background with the CIELCh color 87, 33.449, 326.108.



This preview shows how white text looks on a background with the CIELCh color 87, 33.449, 326.108.

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, 33.449, 326.108

Protanopia
87, 19.973, 285.158

Deuteranopia
87, 20.271, 301.418



Tritanopia
87, 18.097, 353.415

Trichromacy



Original Color
87, 33.449, 326.108



Protanomaly
87, 23.715, 304.344



Deuteranomaly
87, 24.340, 313.369

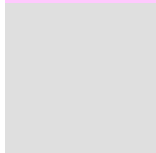


Tritanomaly
87, 23.257, 338.937

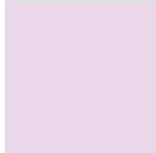
Monochromacy



Original Color
87, 33.449, 326.108



Achromatopsia
89, 0.011, 296.813



Achromatomaly
88, 12.257, 326.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 33.449, 326.108 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 33.449, 326.108 is called "border". The border property can be set on classes, ids or directly on the HTML element.

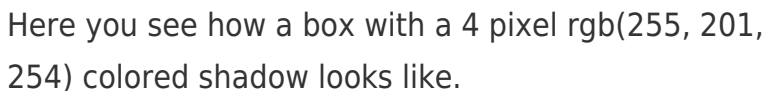
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 201, 254) }
```

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

```
.border{ border-color:rgb(255, 201, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 33.449, 326.108 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, 254) }
```

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

```
.background{ background-color: rgb(255,  
201, 254) }
```

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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