

Converting Colors

CIELCh(89, 55.867, 311.085)

Have a look what the booklet for
CIELCh(89, 55.867, 311.085)
contains.

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Color

CIELCh(87, 33.059, 325.053)

Conversions

Conversions Part 1

Format	Color
Hex	FDC9FE
RGB	253, 201, 254
RGB Percent	99%, 79%, 100%
CMY	0.0069, 0.2106, 0.0029
CMYK	0.00, 0.21, 0.00, 0.00
HSL	299°, 97%, 89%
HSV	299°, 21%, 100%
XYZ	79.4816, 70.0064, 103.3024
YIQ	222.5900, 13.9790, 27.5070

Conversions

Conversions Part 2

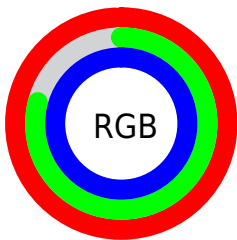
Format	Color
R_{YB}	253, 201, 254
Decimal	16632318
CIE _{Lab}	87.00, 27.10, -18.94
CIE _{LCh}	87, 33.059, 325.053
Yxy	70.0064, 0.3144, 0.2769
Android (android.graphics.Color)	4294822398 (0xFFFD C9FE)
YUV	222.5900, 15.4851, 26.6696
Hunter-Lab	83.6698, 23.1427, -14.6331

Details

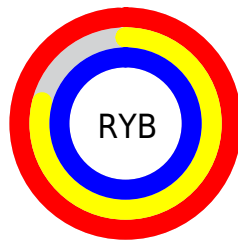
The CIELCh color `87, 33.059, 325.053` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `95, 33.012, 142.617`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `67, 32.731, 325.246` is the 20% darker color. If you saturate the color by 10%, you get `81, 48.841, 325.581`, and if you desaturate by 10%, it is `93, 17.127, 324.506`.

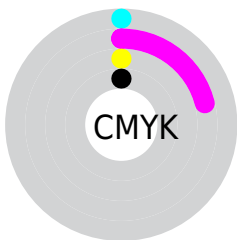
Distribution



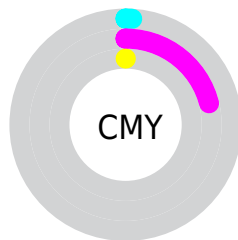
- Red (99%)
- Green (79%)
- Blue (100%)



- Red (99%)
- Yellow (79%)
- Blue (100%)



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





- Cyan (1%)
- Magenta (21%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 33.059, 325.053 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, 33.059, 325.053 by changing the saturation by 10% instead.


 87, 33.059,
325.053


 87, 33.059,
325.053


 100, 33.059,
325.053


 77, 33.059,
325.053

 67, 33.059,
325.053

 57, 33.059,
325.053

 47, 33.059,
325.053

 37, 33.059,
325.053

 27, 33.059,
325.053

 17, 33.059,

325.053

■ 7, 33.059, 325.053

■ 0, 33.059, 325.053

■ 87, 33.059,
325.053

■ 87, 33.059,
325.053

■ 81, 48.841,
325.581

■ 93, 17.127,
324.506

■ 76, 64.106,
326.078

■ 99, 1.315, 323.753

■ 71, 78.351,
326.526

100, 0.383,
126.045

■ 67, 90.972,
326.905

100, 0.367,
109.939

■ 64, 101.338,

327.197

■ 61, 108.923,
327.388

■ 60, 113.492,
327.472

■ 59, 115.408,
327.471

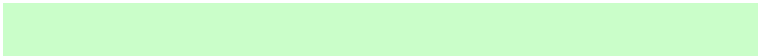
Harmonies

Complementary

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



87, 33.059, 325.053



95, 33.012, 142.617

Rectangle

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



87, 33.059, 325.053



87, 33.059, 15.053



87, 33.059, 145.053



87, 33.059, 195.053

Sweetspot

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



87, 33.056, 325.053



96, 9.481, 324.230



83, 27.093, 291.269



51, 6.292, 324.269



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, 33.056, 325.053



85, 39.765, 325.276



86, 24.119, 343.680



50, 9.004, 324.431



45, 93.159, 327.484



12, 42.853, 327.573

Inverse Universe

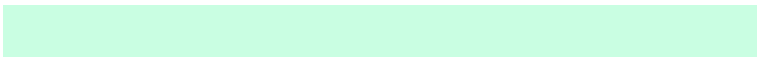
The Inverse Universe completely reimagines the original color for something new.



86, 20.054, 19.452



83, 24.503, 19.903



96, 23.587, 160.094



49, 5.252, 18.411



40, 83.377, 39.258



10, 33.210, 26.422

Previews

White Background



This preview shows how the CIELCh color 87, 33.059, 325.053 looks on a white background.

Color Contrast Check

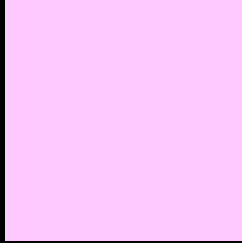
Large Text (above 18pt) WCAG AA × Fail

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, 33.059, 325.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

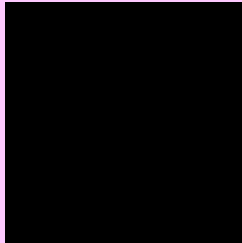
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 33.059, 325.053

Background



This preview shows how black text looks on a background with the CIELCh color 87, 33.059, 325.053.



This preview shows how white text looks on a background with the CIELCh color 87, 33.059, 325.053.

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, 33.084, 325.057

Protanopia

87, 19.973, 285.158

Deuteranopia

87, 20.786, 301.200



Tritanopia
87, 17.431, 352.212

Trichromacy



Original Color
87, 33.084, 325.057



Protanomaly
87, 23.715, 304.344



Deuteranomaly
87, 24.704, 312.176

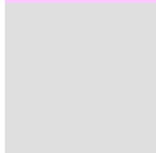


Tritanomaly
87, 22.380, 338.624

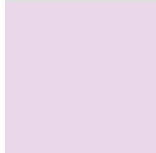
Monochromacy



Original Color
87, 33.084, 325.057



Achromatopsia
89, 0.011, 296.813



Achromatomaly
88, 12.054, 324.864

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 33.059, 325.053 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(253, 201, 254)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 201, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 201, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 33.059, 325.053 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(253, 201, 254) }
```

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

```
.border{ border-color:rgb(253, 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(253, 201, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 201, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 201, 254);  
box-shadow:4px 4px 4px 4px rgb(253, 201,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 33.059, 325.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 201, 254) }
```

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

```
.background{ background-color: rgb(253,  
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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