

Converting Colors

CIELCh(85, 33.088, 331.389)

Have a look what the booklet for
CIELCh(85, 33.088, 331.389)
contains.

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Color

CIELCh(85, 33.215, 331.439)

Conversions

Conversions Part 1

Format	Color
Hex	FEC2F3
RGB	254, 194, 243
RGB Percent	100%, 76%, 95%
CMY	0.0046, 0.2398, 0.0477
CMYK	0.00, 0.24, 0.04, 0.00
HSL	311°, 96%, 88%
HSV	311°, 24%, 100%
XYZ	76.2142, 66.0070, 93.3798
YIQ	217.5260, 20.0310, 27.9590

Conversions

Conversions Part 2

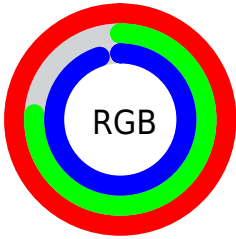
Format	Color
RYB	254, 194, 243
Decimal	16696051
CIELab	85.00, 29.17, -15.88
CIELCh	85, 33.215, 331.439
Yxy	66.0070, 0.3235, 0.2802
Android (android.graphics.Color)	4294886131 (0xFFFECE2F3)
YUV	217.5260, 12.5587, 31.9877
Hunter-Lab	81.2447, 25.2693, -11.2746

Details

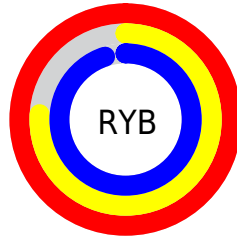
The CIELCh color **85, 33.215, 331.439** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 33.091, 148.246**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.492, 324.405**, and **65, 33.263, 331.481** is the 20% darker color. If you saturate the color by 10%, you get **79, 47.129, 332.110**, and if you desaturate by 10%, it is **91, 19.102, 330.783**.

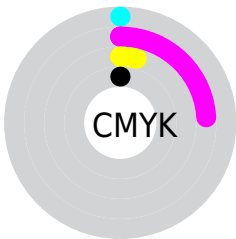
Distribution



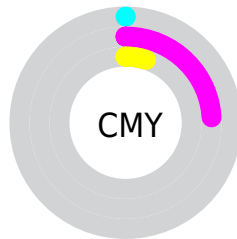
- Red (100%)
- Green (76%)
- Blue (95%)



- Red (100%)
- Yellow (76%)
- Blue (95%)



- Cyan (0%)
- Magenta (24%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 33.215, 331.439 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 85, 33.215, 331.439 by changing the saturation by 10% instead.


 85, 33.215,
331.439


 85, 33.215,
331.439


 100, 33.215,
331.439


 75, 33.215,
331.439

 65, 33.215,
331.439

 55, 33.215,
331.439

 45, 33.215,
331.439

 35, 33.215,
331.439

 25, 33.215,
331.439

 15, 33.215,

331.439

■ 5, 33.215, 331.439

■ 0, 33.215, 331.439

■ 85, 33.215,
331.439

■ 85, 33.215,
331.439

■ 79, 47.129,
332.110

■ 91, 19.102,
330.783

■ 74, 60.470,
332.796

■ 97, 5.059, 330.104

■ 69, 72.729,
333.499

100, 0.408,
201.002

■ 65, 83.289,
334.225

■ 62, 91.516,

334.988

■ 59, 96.907,
335.812

■ 58, 99.293,
336.730

■ 58, 99.583,
337.370

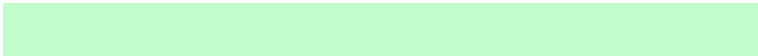
Harmonies

Complementary

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



85, 33.215, 331.439



95, 33.091, 148.246

Rectangle

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



85, 33.215, 331.439



85, 33.215, 21.439



85, 33.215, 151.439



85, 33.215, 201.439

Sweetspot

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



85, 33.212, 331.439



96, 9.804, 330.347



81, 32.183, 298.729



50, 6.373, 330.388



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 33.212, 331.439



83, 39.480, 331.731



84, 24.456, 356.156



50, 7.976, 330.514



44, 80.681, 337.184



11, 37.744, 335.912

Inverse Universe

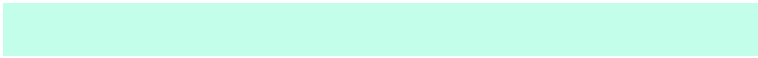
The Inverse Universe completely reimagines the original color for something new.



85, 33.212, 331.439



83, 39.480, 331.731



95, 22.997, 171.402



50, 7.976, 330.514



44, 80.681, 337.184



11, 37.744, 335.912

Previews

White Background



This preview shows how the CIELCh color 85, 33.215, 331.439 looks on a white background.

Color Contrast Check

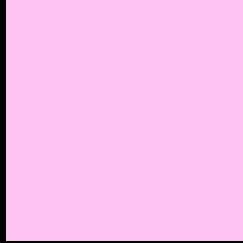
Large Text (above 18pt) WCAG AA × Fail

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 85, 33.215, 331.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

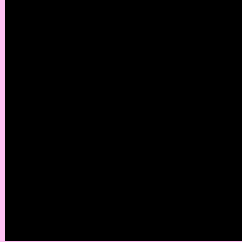
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 33.215, 331.439

Background



This preview shows how black text looks on a background with the CIELCh color 85, 33.215, 331.439.



This preview shows how white text looks on a background with the CIELCh color 85, 33.215, 331.439.

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

85, 33.215, 331.439

Protanopia

85, 22.682, 286.258

Deuteranopia

85, 18.026, 306.001

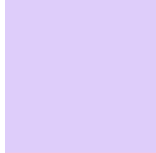


Tritanopia
85, 20.384, 358.467

Trichromacy



Original Color
85, 33.215, 331.439



Protanomaly
85, 24.502, 305.687



Deuteranomaly
85, 23.140, 318.582

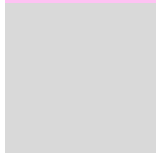


Tritanomaly
85, 24.142, 345.566

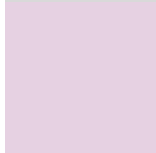
Monochromacy



Original Color
85, 33.215, 331.439



Achromatopsia
87, 0.010, 296.813



Achromatomaly
86, 11.719, 330.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 33.215, 331.439 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(254, 194, 243)` looks like.

```
.text, #text, p{  
    color:rgb(254, 194, 243)  
}
```

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(254, 194, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 194, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 33.215, 331.439 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(254, 194, 243) }
```

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

```
.border{ border-color:rgb(254, 194, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 194, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 194, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 194, 243);  
box-shadow:4px 4px 4px 4px rgb(254, 194,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 33.215, 331.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 194, 243) }
```

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

```
.background{ background-color: rgb(254,  
194, 243) }
```

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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