

Converting Colors

CIELCh(95, 3.838, 333.313)

Have a look what the booklet for
CIELCh(95, 3.838, 333.313) contains.

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Color

CIELCh(95, 3.589, 333.798)

Conversions

Conversions Part 1

Format	Color
Hex	F6EFF4
RGB	246, 239, 244
RGB Percent	96%, 94%, 96%
CMY	0.0364, 0.0639, 0.0443
CMYK	0.00, 0.03, 0.01, 0.04
HSL	317°, 27%, 95%
HSV	317°, 3%, 96%
XYZ	84.9715, 87.6183, 97.7910
YIQ	241.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

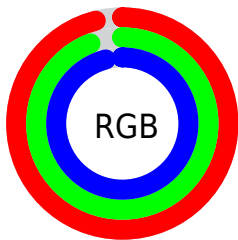
Format	Color
RYB	246, 239, 244
Decimal	16183284
CIELab	95.00, 3.22, -1.58
CIElCh	95, 3.589, 333.798
Yxy	87.6183, 0.3143, 0.3241
Android (android.graphics.Color)	4294373364 (0xFFFF6EFF4)
YUV	241.6630, 1.1521, 3.8035
Hunter-Lab	93.6047, -1.7713, 3.5816

Details

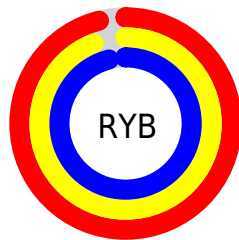
The CIELCh color $95, 3.589, 333.798$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $96, 3.565, 153.640$, and the grayscale version is $95, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $75, 3.768, 333.873$ is the 20% darker color. If you saturate the color by 10%, you get $89, 16.296, 334.578$, and if you desaturate by 10%, it is $99, 3.915, 165.738$.

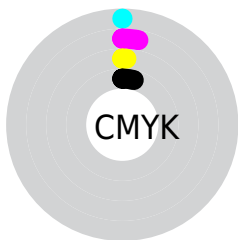
Distribution



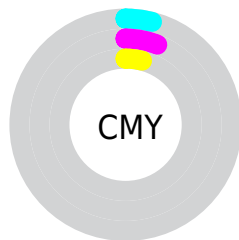
- Red (96%)
- Green (94%)
- Blue (96%)



- Red (96%)
- Yellow (94%)
- Blue (96%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 3.589, 333.798 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 95, 3.589, 333.798 by changing the saturation by 10% instead.

95, 3.589, 333.798

95, 3.589, 333.798

100, 3.589,
333.798

85, 3.589, 333.798

75, 3.589, 333.798

65, 3.589, 333.798

55, 3.589, 333.798

45, 3.589, 333.798

35, 3.589, 333.798

25, 3.589, 333.798

15, 3.589, 333.798

5, 3.589, 333.798

95, 3.589, 333.798

95, 3.589, 333.798

89, 16.296,
334.578

99, 3.915, 165.738

83, 29.114,
335.319

99, 3.213, 199.408

77, 41.812,
336.101

72, 54.055,
336.936

67, 65.377,
337.842

63, 75.199,
338.843

59, 82.896,
339.980

57, 87.943,
341.311

■ 55, 90.124,
342.907

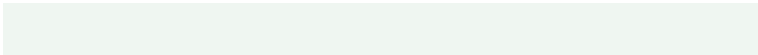
Harmonies

Complementary

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



95, 3.589, 333.798



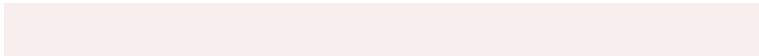
96, 3.565, 153.640

Rectangle

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



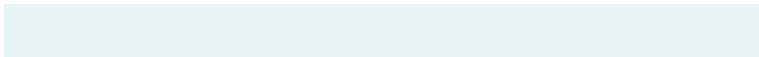
95, 3.589, 333.798



95, 3.589, 23.798



95, 3.589, 153.798



95, 3.589, 203.798

Sweetspot

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



95, 3.586, 333.804



99, 1.302, 333.482



95, 3.680, 301.328



53, 0.740, 333.463



0, 0.000, 0.000



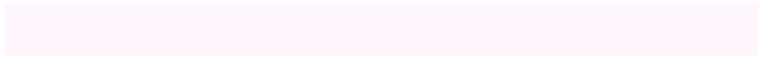
53, 0.007, 296.813

Same Dimension

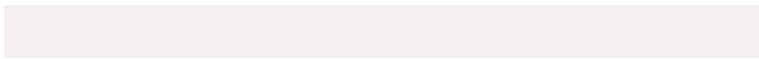
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 3.586, 333.804



98, 3.895, 333.821



95, 2.611, 2.022



50, 2.856, 333.895



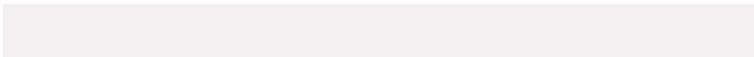
41, 73.529, 343.867



10, 33.543, 341.240

Inverse Universe

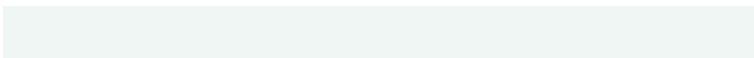
The Inverse Universe completely reimagines the original color for something new.



95, 3.586, 333.804



98, 3.895, 333.821



96, 2.575, 181.961



50, 2.856, 333.895



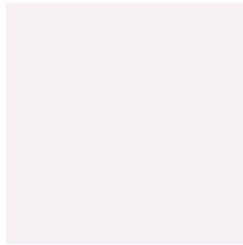
41, 73.529, 343.867



10, 33.543, 341.240

Previews

White Background



This preview shows how the CIELCh color 95, 3.589, 333.798 looks on a white background.

Color Contrast Check

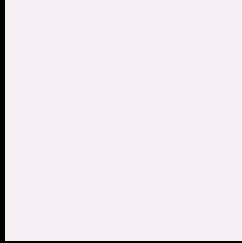
Large Text (above 18pt) WCAG AA × Fail

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 95, 3.589, 333.798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

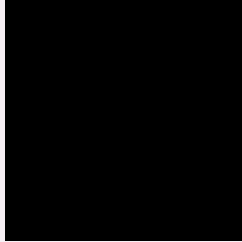
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

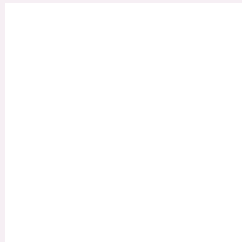
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 3.589, 333.798

Background



This preview shows how black text looks on a background with the CIELCh color 95, 3.589, 333.798.

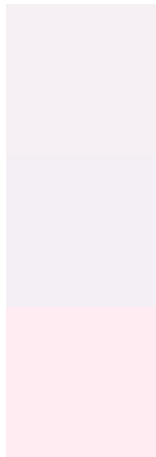


This preview shows how white text looks on a background with the CIELCh color 95, 3.589, 333.798.

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

95, 3.589, 333.798

Protanopia

95, 3.139, 324.460

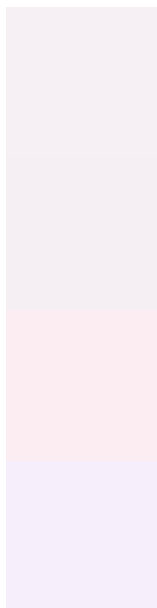
Deuteranopia

95, 7.676, 352.016



Tritanopia
95, 9.931, 311.271

Trichromacy



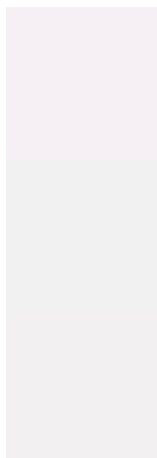
Original Color
95, 3.589, 333.798

Protanomaly
95, 3.353, 329.436

Deuteranomaly
95, 6.175, 349.866

Tritanomaly
95, 7.423, 315.677

Monochromacy



Original Color
95, 3.589, 333.798

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.492, 335.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 3.589, 333.798 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(246, 239, 244)` looks like.

```
.text, #text, p{  
    color:rgb(246, 239, 244)  
}
```

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(246, 239, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 239, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 3.589, 333.798 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(246, 239, 244) }
```

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

```
.border{ border-color:rgb(246, 239, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 239, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 239, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 239, 244);  
box-shadow:4px 4px 4px 4px rgb(246, 239,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 3.589, 333.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 239, 244) }
```

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

```
.background{ background-color: rgb(246,  
239, 244) }
```

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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