

Converting Colors

CIELCh(97, 4.179, 311.449)

Have a look what the booklet for
CIELCh(97, 4.179, 311.449) contains.

CIELCh(97, 3.868, 311.597)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(97, 3.868, 311.597)

Conversions

Conversions Part 1

Format	Color
Hex	F9F5FC
RGB	249, 245, 252
RGB Percent	98%, 96%, 99%
CMY	0.0237, 0.0393, 0.0119
CMYK	0.01, 0.03, 0.00, 0.01
HSL	274°, 54%, 97%
HSV	274°, 3%, 99%
XYZ	89.2587, 92.4403, 105.2018
YIQ	246.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

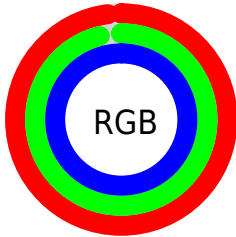
Format	Color
R _Y B	249, 245, 252
Decimal	16381436
CIE Lab	97.00, 2.57, -2.89
CIE LCh	97, 3.868, 311.597
Yxy	92.4403, 0.3111, 0.3222
Android (android.graphics.Color)	4294571516 (0xFF9F5FC)
YUV	246.9940, 2.4680, 1.7593
Hunter-Lab	96.1459, -2.5416, 2.4276

Details

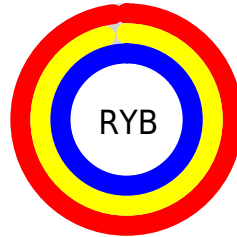
The CIELCh color **97, 3.868, 311.597** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98, 3.832, 131.444**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 3.563, 314.748** is the 20% darker color. If you saturate the color by 10%, you get **90, 17.995, 312.060**, and if you desaturate by 10%, it is **100, 1.529, 110.013**.

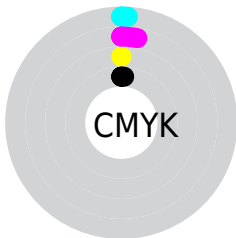
Distribution



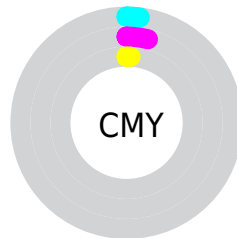
- Red (98%)
- Green (96%)
- Blue (99%)



- Red (98%)
- Yellow (96%)
- Blue (99%)



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



- Cyan (2%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 3.868, 311.597 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 97, 3.868, 311.597 by changing the saturation by 10% instead.

97, 3.868, 311.597

97, 3.868, 311.597

100, 3.868,
311.597

87, 3.868, 311.597

77, 3.868, 311.597

67, 3.868, 311.597

57, 3.868, 311.597

47, 3.868, 311.597

37, 3.868, 311.597

27, 3.868, 311.597

17, 3.868, 311.597

7, 3.868, 311.597

97, 3.868, 311.597

97, 3.868, 311.597

90, 17.995,
312.060

100, 1.529,
110.013

83, 32.471,
312.532

76, 47.192,
313.019

70, 61.973,
313.501

63, 76.499,
313.943

57, 90.269,
314.292

52, 102.555,
314.473

48, 112.451,
314.392

■ 44, 119.105,
313.952

Harmonies

Complementary

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



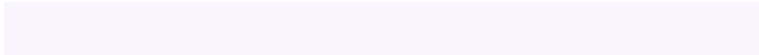
97, 3.868, 311.597



98, 3.832, 131.444

Rectangle

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



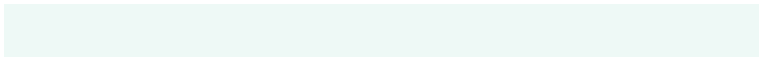
97, 3.868, 311.597



97, 3.868, 1.597



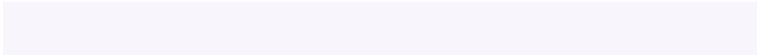
97, 3.868, 131.597



97, 3.868, 181.597

Sweetspot

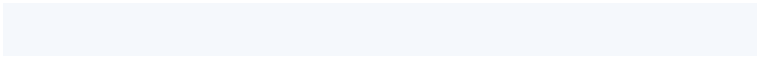
The Sweet Spot groups the original color and five complimentary colors.



97, 3.865, 311.588



99, 1.409, 311.437



97, 2.275, 262.795



53, 0.802, 311.429



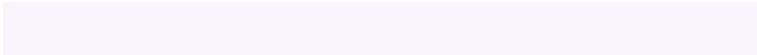
0, 0.000, 0.000



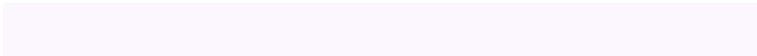
53, 0.007, 296.813

Same Dimension

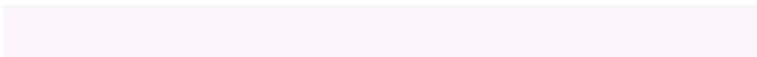
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 3.865, 311.588



98, 4.218, 311.601



97, 4.171, 326.365



51, 3.147, 311.643



31, 98.010, 313.621



6, 43.249, 314.760

Inverse Universe

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



97, 2.921, 347.740



98, 3.188, 347.773



98, 4.150, 146.203



51, 2.379, 347.877



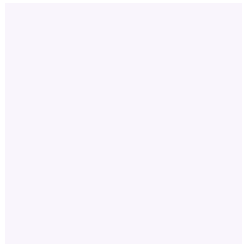
40, 67.386, 8.950



10, 30.576, 1.996

Previews

White Background



This preview shows how the CIE LCh color 97, 3.868, 311.597 looks on a white background.

Color Contrast Check

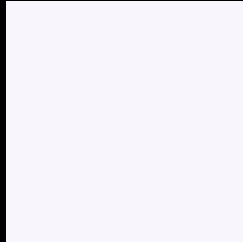
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 97, 3.868, 311.597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

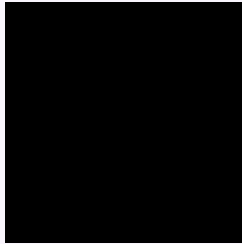
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

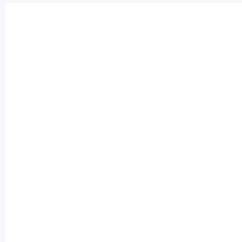
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 3.868, 311.597

Background



This preview shows how black text looks on a background with the CIELCh color 97, 3.868, 311.597.

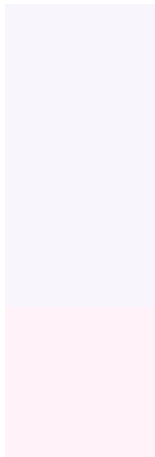


This preview shows how white text looks on a background with the CIELCh color 97, 3.868, 311.597.

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


97, 3.868, 311.597

Protanopia

97, 3.868, 311.597

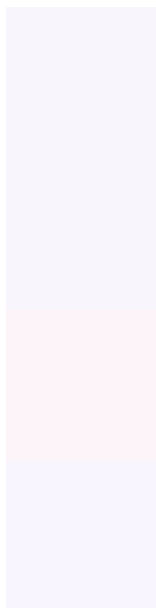
Deuteranopia

97, 5.253, 343.947



Tritanopia
97, 5.326, 305.676

Trichromacy



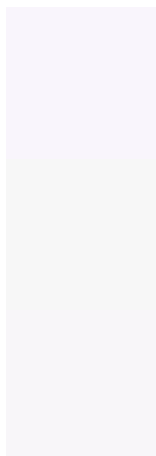
Original Color
97, 3.868, 311.597

Protanomaly
97, 3.868, 311.597

Deuteranomaly
97, 4.435, 335.821

Tritanomaly
97, 4.835, 307.245

Monochromacy



Original Color
97, 3.868, 311.597

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.704, 314.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 3.868, 311.597 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(249, 245, 252)` looks like.

```
.text, #text, p{  
    color:rgb(249, 245, 252)  
}
```

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(249, 245, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 245, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 3.868, 311.597 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(249, 245, 252) }
```

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

```
.border{ border-color:rgb(249, 245, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 245, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 245, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 245, 252);  
box-shadow:4px 4px 4px 4px rgb(249, 245,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 3.868, 311.597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 245, 252) }
```

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

```
.background{ background-color: rgb(249,  
245, 252) }
```

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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