

# Converting Colors

CIELCh(97, 4.773, 339.017)

Have a look what the booklet for  
CIELCh(97, 4.773, 339.017) contains.

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# **Color**

**CIELCh(97, 4.695, 338.833)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEF4FA
RGB	254, 244, 250
RGB Percent	100%, 96%, 98%
CMY	0.0050, 0.0442, 0.0207
CMYK	0.00, 0.04, 0.02, 0.00
HSL	324°, 80%, 98%
HSV	324°, 4%, 100%
XYZ	90.2525, 92.4403, 103.3022
YIQ	247.6740, 4.0340, 3.9860

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 244, 250
Decimal	16708858
CIE <sub>Lab</sub>	97.00, 4.38, -1.70
CIE <sub>LCh</sub>	97, 4.695, 338.833
Yxy	92.4403, 0.3156, 0.3232
Android (android.graphics.Color)	4294898938 (0xFFFEF4FA)
YUV	247.6740, 1.1467, 5.5479
Hunter-Lab	96.1459, -0.6968, 3.5991

# Details

The CIELCh color 97, 4.695, 338.833 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 4.662, 158.439, 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, 4.652, 335.908 is the 20% darker color. If you saturate the color by 10%, you get 91, 16.758, 339.697, and if you desaturate by 10%, it is 100, 0.443, 200.874.

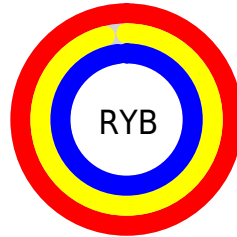
# Distribution



Red (100%)

Green (96%)

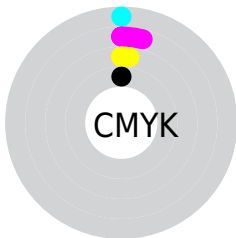
Blue (98%)



Red (100%)

Yellow (96%)

Blue (98%)

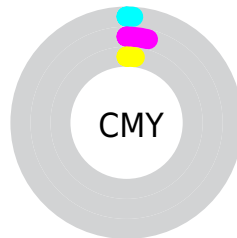


Cyan (0%)

Magenta (4%)

Yellow (2%)

Black (0%)



Cyan (1%)

Magenta (4%)

Yellow (2%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 4.695, 338.833 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, 4.695, 338.833 by changing the saturation by 10% instead.



 97, 4.695, 338.833

 97, 4.695, 338.833

 100, 4.695,  
338.833

 87, 4.695, 338.833

 77, 4.695, 338.833

 67, 4.695, 338.833

 57, 4.695, 338.833

 47, 4.695, 338.833

 37, 4.695, 338.833

 27, 4.695, 338.833

 17, 4.695, 338.833

 7, 4.695, 338.833

97, 4.695, 338.833

97, 4.695, 338.833

91, 16.758,  
339.697

100, 0.443,  
200.874

84, 28.960,  
340.569

78, 41.077,  
341.521

73, 52.775,  
342.585

68, 63.585,  
343.799

64, 72.921,  
345.223

60, 80.151,  
346.939

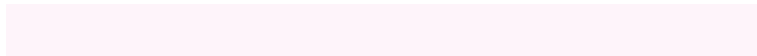
57, 84.770,  
349.061

■ 56, 86.628,  
351.719

# Harmonies

# Complementary

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



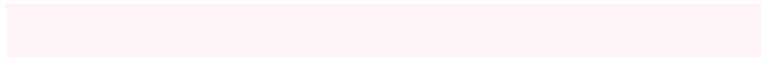
97, 4.695, 338.833



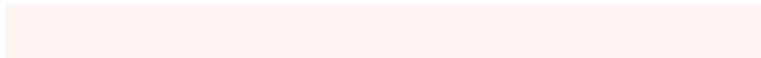
99, 4.662, 158.439

# Rectangle

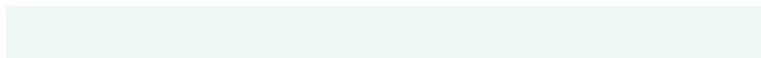
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



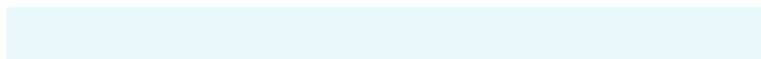
97, 4.695, 338.833



97, 4.695, 28.833



97, 4.695, 158.833



97, 4.695, 208.833

# Sweetspot

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



97, 4.692, 338.841



99, 1.198, 338.344



97, 5.327, 305.677



53, 0.682, 338.321



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, 4.692, 338.841



97, 5.987, 338.942



97, 3.583, 11.289



51, 4.087, 339.005



42, 70.354, 352.993



11, 33.148, 348.968



# Inverse Universe

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



97, 4.692, 338.841



97, 5.987, 338.942



99, 3.507, 191.025



51, 4.087, 339.005



42, 70.354, 352.993

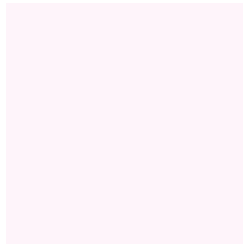


11, 33.148, 348.968



# Previews

## White Background



This preview shows how the CIE LCh color 97, 4.695, 338.833 looks on a white background.

## Color Contrast Check

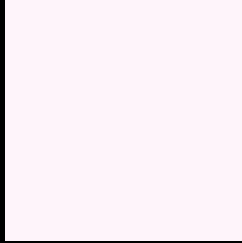
Large Text (above 18pt) WCAG AA × Fail

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, 4.695, 338.833 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

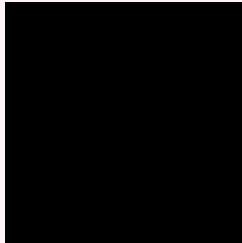
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**CIELCh 97, 4.695, 338.833**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 97, 4.695, 338.833.

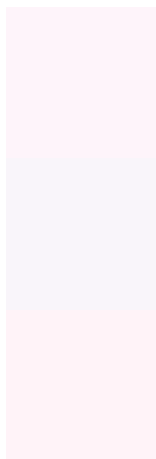


This preview shows how white text looks on a background with the CIELCh color 97, 4.695, 338.833.

# 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, 4.695, 338.833

### Protanopia

97, 2.940, 318.817

### Deuteranopia

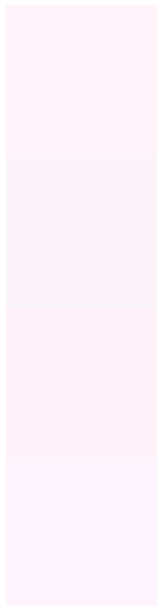
97, 4.971, 348.712





**Tritanopia**  
97, 6.317, 316.737

# Trichromacy



## Original Color

97, 4.695, 338.833

## Protanomaly

97, 3.338, 329.430

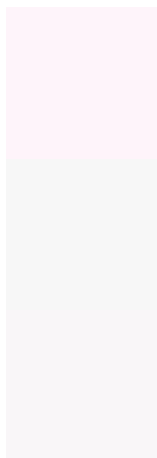
## Deuteranomaly

97, 5.253, 343.947

## Tritanomaly

97, 5.612, 324.584

# Monochromacy



## Original Color

97, 4.695, 338.833

## Achromatopsia

97, 0.011, 296.813

## Achromatomaly

97, 1.485, 335.473

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 97, 4.695, 338.833 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, 244, 250)` looks like.

```
.text, #text, p{  
    color:rgb(254, 244, 250)  
}
```

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, 244, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 244, 250) }
```

## Border

The CSS property to change the border of an element to CIELCh 97, 4.695, 338.833 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, 244, 250) }
```

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

```
.border{ border-color:rgb(254, 244, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 244, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 244, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 244, 250);  
box-shadow:4px 4px 4px 4px rgb(254, 244,  
250) }
```

# Background

The CSS property to change the background color of an element to CIELCh 97, 4.695, 338.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 244, 250) }
```

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

```
.background{ background-color: rgb(254,  
244, 250) }
```

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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