

Converting Colors

CIELCh(97, 4.715, 309.792)

Have a look what the booklet for
CIELCh(97, 4.715, 309.792) contains.

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Color

CIELCh(97, 4.348, 309.175)

Conversions

Conversions Part 1

Format	Color
Hex	F9F5FD
RGB	249, 245, 253
RGB Percent	98%, 96%, 99%
CMY	0.0240, 0.0396, 0.0083
CMYK	0.02, 0.03, 0.00, 0.01
HSL	270°, 65%, 98%
HSV	270°, 3%, 99%
XYZ	89.3565, 92.4403, 105.9667
YIQ	247.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

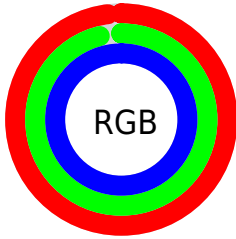
Format	Color
R_{YB}	249, 245, 253
Decimal	16381437
CIE _{Lab}	97.00, 2.75, -3.37
CIE _{LCh}	97, 4.348, 309.175
Yxy	92.4403, 0.3105, 0.3212
Android (android.graphics.Color)	4294571517 (0xFFFF9F5FD)
YUV	247.1080, 2.9048, 1.6593
Hunter-Lab	96.1459, -2.3601, 1.9559

Details

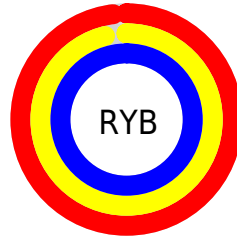
The CIELCh color **97, 4.348, 309.175** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **99, 4.306, 128.955**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 4.057, 311.637** is the 20% darker color. If you saturate the color by 10%, you get **90, 18.329, 309.658**, and if you desaturate by 10%, it is **100, 1.060, 110.026**.

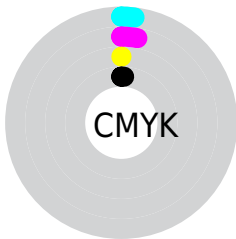
Distribution



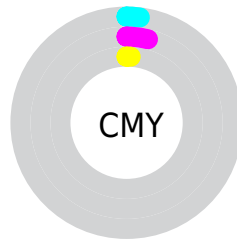
- Red (98%)
- Green (96%)
- Blue (99%)



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



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 4.348, 309.175 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, 4.348, 309.175 by changing the saturation by 10% instead.

 97, 4.348, 309.175

 97, 4.348, 309.175

100, 4.348,
309.175

 87, 4.348, 309.175

 77, 4.348, 309.175

 67, 4.348, 309.175

 57, 4.348, 309.175

 47, 4.348, 309.175

 37, 4.348, 309.175

 27, 4.348, 309.175

 17, 4.348, 309.175

 7, 4.348, 309.175

97, 4.348, 309.175

97, 4.348, 309.175

90, 18.329,
309.658

100, 1.060,
110.026

83, 32.701,
310.169

76, 47.381,
310.709

69, 62.214,
311.260

62, 76.916,
311.787

56, 91.008,
312.233

50, 103.752,
312.517

46, 114.167,
312.526

■ 42, 121.262,
312.143

Harmonies

Complementary

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



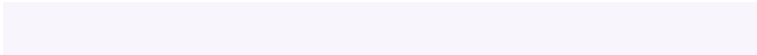
97, 4.348, 309.175



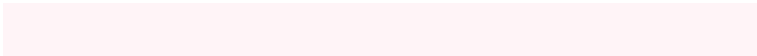
99, 4.306, 128.955

Rectangle

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



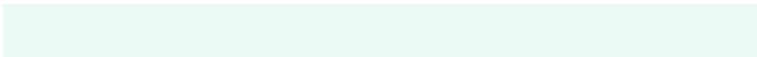
97, 4.348, 309.175



97, 4.348, 359.175



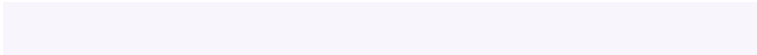
97, 4.348, 129.175



97, 4.348, 179.175

Sweetspot

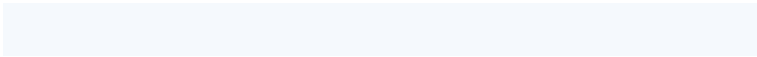
The Sweet Spot groups the original color and five complimentary colors.



97, 4.345, 309.166



99, 1.387, 309.001



98, 2.426, 254.165



53, 0.789, 308.994



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, 4.345, 309.166



97, 5.540, 309.210



97, 4.959, 324.109



51, 3.940, 309.248



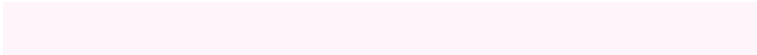
30, 100.538, 311.864



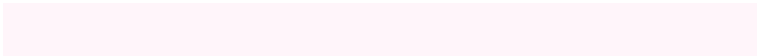
6, 44.901, 312.870

Inverse Universe

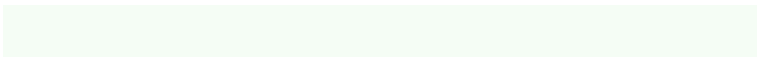
The Inverse Universe completely reimagines the original color for something new.



97, 3.500, 343.759



97, 4.462, 343.858



99, 4.938, 143.886



52, 3.174, 343.939



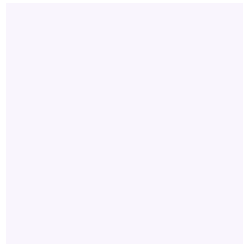
41, 68.249, 2.090



10, 31.871, 356.494

Previews

White Background



This preview shows how the CIE LCh color 97, 4.348, 309.175 looks on a white background.

Color Contrast Check

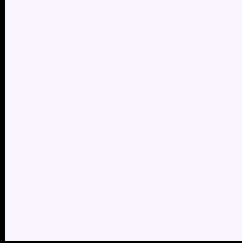
Large Text (above 18pt) WCAG AA × Fail

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, 4.348, 309.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

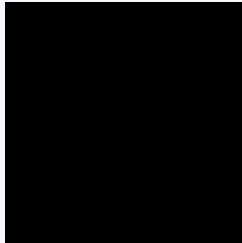
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

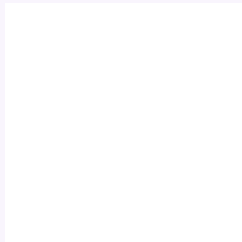
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 4.348, 309.175

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.348, 309.175.



This preview shows how white text looks on a background with the CIELCh color 97, 4.348, 309.175.

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, 4.348, 309.175

Protanopia

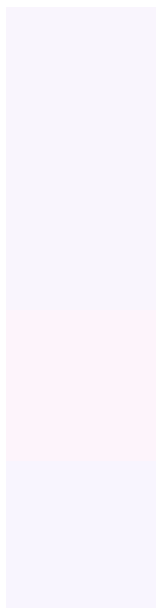
97, 4.348, 309.175

Deuteranopia

97, 5.567, 339.698

Tritanopia
97, 5.242, 302.017

Trichromacy



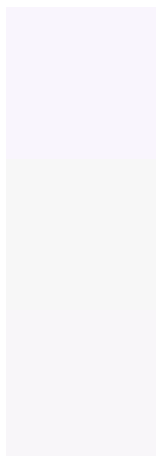
Original Color
97, 4.348, 309.175

Protanomaly
97, 4.348, 309.175

Deuteranomaly
97, 4.805, 331.464

Tritanomaly
97, 4.743, 303.226

Monochromacy



Original Color
97, 4.348, 309.175

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, 4.348, 309.175 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(249, 245, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 245, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.348, 309.175 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, 253) }
```

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

```
.border{ border-color:rgb(249, 245, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 245, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 245, 253); box-shadow:4px 4px 4px 4px rgb(249, 245, 253) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.348, 309.175 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, 253) }
```

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

```
.background{ background-color: rgb(249,  
245, 253) }
```

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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