

Converting Colors

CIELCh(99, 34.199, 296.126)

Have a look what the booklet for
CIELCh(99, 34.199, 296.126)
contains.

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Color

CIELCh(97, 5.699, 315.860)

Conversions

Conversions Part 1

Format	Color
Hex	FBF4FE
RGB	251, 244, 254
RGB Percent	98%, 96%, 100%
CMY	0.0154, 0.0428, 0.0036
CMYK	0.01, 0.04, 0.00, 0.00
HSL	282°, 84%, 98%
HSV	282°, 4%, 100%
XYZ	90.0937, 92.4403, 106.9291
YIQ	247.2330, 0.9620, 4.5940

Conversions

Conversions Part 2

Format	Color
R _Y B	251, 244, 254
Decimal	16512254
CIE Lab	97.00, 4.09, -3.97
CIE LCh	97, 5.699, 315.860
Yxy	92.4403, 0.3112, 0.3194
Android (android.graphics.Color)	4294702334 (0xFFFBF4FE)
YUV	247.2330, 3.3361, 3.3037
Hunter-Lab	96.1459, -0.9916, 1.3625

Details

The CIELCh color **97, 5.699, 315.860** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **99, 5.659, 135.603**, 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, 5.503, 318.302** is the 20% darker color. If you saturate the color by 10%, you get **90, 20.388, 316.312**, and if you desaturate by 10%, it is **100, 0.453, 109.973**.

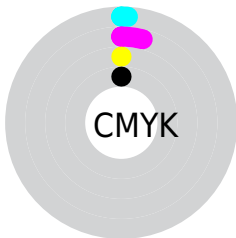
Distribution



- Red (98%)
- Green (96%)
- Blue (100%)



- Red (98%)
- Yellow (96%)
- Blue (100%)



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



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 5.699, 315.860 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, 5.699, 315.860 by changing the saturation by 10% instead.

 97, 5.699, 315.860

 97, 5.699, 315.860

 100, 5.699,
315.860

 87, 5.699, 315.860

 77, 5.699, 315.860

 67, 5.699, 315.860

 57, 5.699, 315.860

 47, 5.699, 315.860

 37, 5.699, 315.860

 27, 5.699, 315.860

 17, 5.699, 315.860

 7, 5.699, 315.860

97, 5.699, 315.860

97, 5.699, 315.860

90, 20.388,
316.312

100, 0.453,
109.973

84, 35.333,
316.758

77, 50.368,
317.197

71, 65.231,
317.608

65, 79.514,
317.954

60, 92.639,
318.189

55, 103.865,
318.251

51, 112.404,
318.072

■ 49,117.689,
317.592

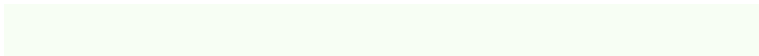
Harmonies

Complementary

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



97, 5.699, 315.860



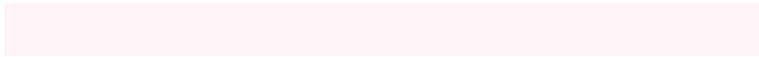
99, 5.659, 135.603

Rectangle

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



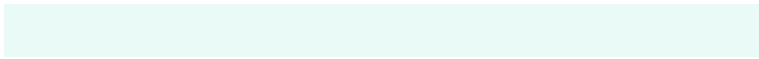
97, 5.699, 315.860



97, 5.699, 5.860



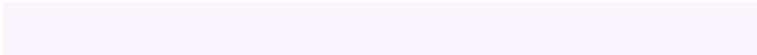
97, 5.699, 135.860



97, 5.699, 185.860

Sweetspot

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



97, 5.696, 315.856



99, 1.456, 315.623



97, 3.646, 273.001



53, 0.828, 315.614



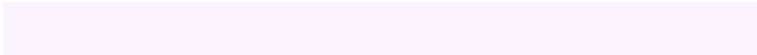
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



97, 5.696, 315.856



97, 7.272, 315.909



97, 5.480, 330.128



51, 4.965, 315.942



36, 96.465, 317.337



8, 44.092, 318.504

Inverse Universe

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



97, 3.863, 356.169



97, 4.938, 356.303



99, 5.458, 149.774



51, 3.373, 356.386



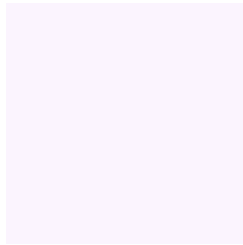
40, 70.680, 21.252



10, 31.460, 12.741

Previews

White Background



This preview shows how the CIELCh color 97, 5.699, 315.860 looks on a white background.

Color Contrast Check

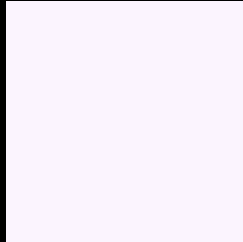
Large Text (above 18pt) WCAG AA × Fail

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, 5.699, 315.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

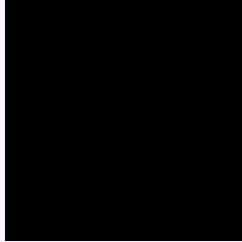
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

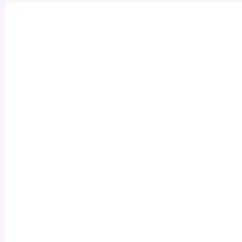
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 5.699, 315.860

Background



This preview shows how black text looks on a background with the CIELCh color 97, 5.699, 315.860.



This preview shows how white text looks on a background with the CIELCh color 97, 5.699, 315.860.

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, 5.703, 315.860

Protanopia
97, 5.242, 302.017

Deuteranopia
97, 5.567, 339.698



Tritanopia
97, 6.036, 310.798

Trichromacy



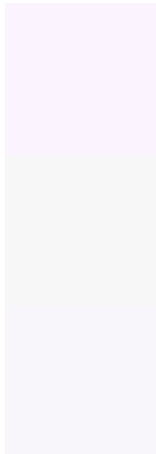
Original Color
97, 5.703, 315.860

Protanomaly
97, 5.326, 305.676

Deuteranomaly
97, 5.662, 333.425

Tritanomaly
97, 6.036, 310.798

Monochromacy



Original Color
97, 5.703, 315.860

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.179, 309.074

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 5.699, 315.860 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(251, 244, 254)` looks like.

```
.text, #text, p{  
    color:rgb(251, 244, 254)  
}
```

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(251, 244, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 244, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 5.699, 315.860 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(251, 244, 254) }
```

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

```
.border{ border-color:rgb(251, 244, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 244, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 244, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 244, 254);  
box-shadow:4px 4px 4px 4px rgb(251, 244,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 5.699, 315.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 244, 254) }
```

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

```
.background{ background-color: rgb(251,  
244, 254) }
```

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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