

Converting Colors

CIE LCh(97, 5.271, 297.178)

Have a look what the booklet for
CIELCh(97, 5.271, 297.178) contains.

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Color

CIELCh(97, 5.180, 298.262)

Conversions

Conversions Part 1

Format	Color
Hex	F7F5FF
RGB	247, 245, 255
RGB Percent	97%, 96%, 100%
CMY	0.0307, 0.0385, 0.0000
CMYK	0.03, 0.04, 0.00, 0.00
HSL	252°, 100%, 98%
HSV	252°, 4%, 100%
XYZ	89.1958, 92.4403, 107.8899
YIQ	246.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

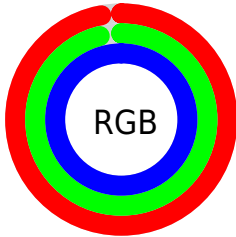
Format	Color
R_{YB}	247, 245, 255
Decimal	16250367
CIE _{Lab}	97.00, 2.45, -4.56
CIE _{LCh}	97, 5.180, 298.262
Yxy	92.4403, 0.3081, 0.3193
Android (android.graphics.Color)	4294440447 (0xFF7F5FF)
YUV	246.7380, 4.0732, 0.2298
Hunter-Lab	96.1459, -2.6585, 0.7700

Details

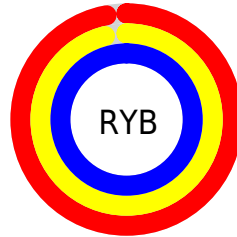
The CIELCh color **97, 5.180, 298.262** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **100, 5.031, 117.857**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 4.905, 299.142** is the 20% darker color. If you saturate the color by 10%, you get **89, 18.632, 299.139**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

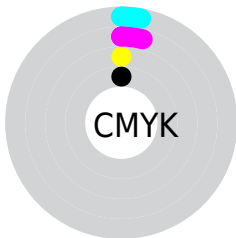
Distribution



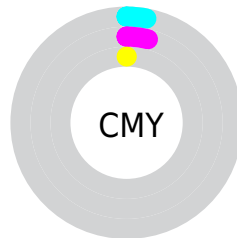
- Red (97%)
- Green (96%)
- Blue (100%)



- Red (97%)
- Yellow (96%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 5.180, 298.262 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, 5.180, 298.262 by changing the saturation by 10% instead.

97, 5.180, 298.262

97, 5.180, 298.262

100, 5.180,
298.262

87, 5.180, 298.262

77, 5.180, 298.262

67, 5.180, 298.262

57, 5.180, 298.262

47, 5.180, 298.262

37, 5.180, 298.262

27, 5.180, 298.262

17, 5.180, 298.262

7, 5.180, 298.262

97, 5.180, 298.262

97, 5.180, 298.262

89, 18.632,
299.139

100, 0.012,
296.813

81, 32.704,
300.018

74, 47.312,
301.023

66, 62.410,
302.151

58, 77.849,
303.380

51, 93.257,
304.649

45, 107.860,
305.836

39, 120.305,
306.747

■ 35,128.838,
307.146

Harmonies

Complementary

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



97, 5.180, 298.262



100, 5.031, 117.857

Rectangle

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



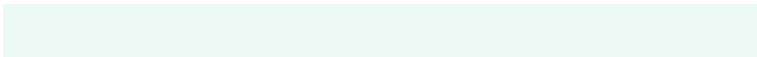
97, 5.180, 298.262



97, 5.180, 348.262



97, 5.180, 118.262



97, 5.180, 168.262

Sweetspot

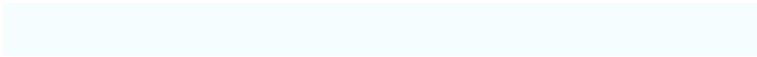
The Sweet Spot groups the original color and five complimentary colors.



97, 5.093, 298.375



99, 1.323, 298.169



99, 2.884, 219.798



53, 0.752, 298.165



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, 5.093, 298.375



96, 6.617, 298.457



97, 5.601, 315.856



51, 4.520, 298.508



24, 106.144, 307.268



4, 44.564, 305.608

Inverse Universe

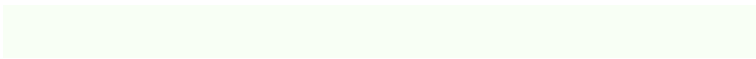
The Inverse Universe completely reimagines the original color for something new.



98, 5.313, 330.808



97, 6.896, 330.896



99, 5.564, 135.611



51, 4.707, 330.947



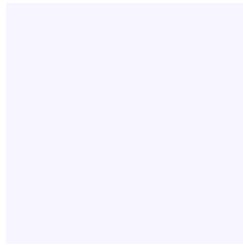
43, 79.496, 338.376



11, 37.248, 336.911

Previews

White Background



This preview shows how the CIELCh color 97, 5.180, 298.262 looks on a white background.

Color Contrast Check

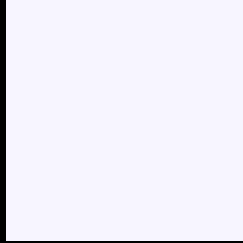
Large Text (above 18pt) WCAG AA × Fail

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, 5.180, 298.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

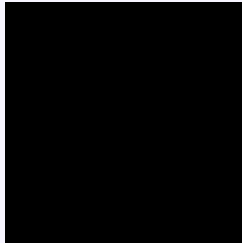
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

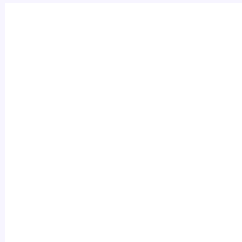
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 5.180, 298.262

Background



This preview shows how black text looks on a background with the CIELCh color 97, 5.180, 298.262.

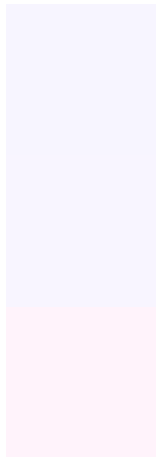


This preview shows how white text looks on a background with the CIELCh color 97, 5.180, 298.262.

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, 5.180, 298.262

Protanopia

97, 5.242, 302.017

Deuteranopia

97, 5.909, 335.926



Tritanopia
97, 5.180, 298.262

Trichromacy



Original Color
97, 5.180, 298.262

Protanomaly
97, 5.242, 302.017

Deuteranomaly
97, 4.992, 324.556

Tritanomaly
97, 5.180, 298.262

Monochromacy



Original Color
97, 5.180, 298.262

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.089, 299.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 5.180, 298.262 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(247, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 245, 255)  
}
```

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(247, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 245, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 5.180, 298.262 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(247, 245, 255) }
```

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

```
.border{ border-color:rgb(247, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 245,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 5.180, 298.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 245, 255) }
```

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

```
.background{ background-color: rgb(247,  
245, 255) }
```

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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