

Converting Colors

CIELCh(100, 60.603, 295.997)

Have a look what the booklet for
CIELCh(100, 60.603, 295.997)
contains.

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Color

CIELCh(97, 6.417, 306.317)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F9F4FF |
| RGB | 249, 244, 255 |
| RGB Percent | 98%, 96%, 100% |
| CMY | 0.0221, 0.0417, 0.0000 |
| CMYK | 0.02, 0.04, 0.00, 0.00 |
| HSL | 268°, 100%, 98% |
| HSV | 268°, 4%, 100% |
| XYZ | 89.9345, 92.4403, 108.8799 |
| YIQ | 246.7490, -0.5510, 4.4810 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 249, 244, 255 |
| Decimal | 16381183 |
| CIE Lab | 97.00, 3.80, -5.17 |
| CIE LCh | 97, 6.417, 306.317 |
| Yxy | 92.4403, 0.3088, 0.3174 |
| Android (android.graphics.Color) | 4294571263 (0xFFF9F4FF) |
| YUV | 246.7490, 4.0677, 1.9741 |
| Hunter-Lab | 96.1459, -1.2870, 0.1595 |

Details

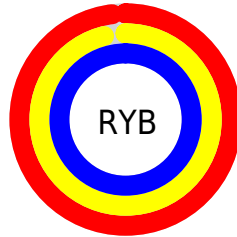
The CIELCh color **97, 6.417, 306.317** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 5.684, 127.873**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 5.702, 309.268** is the 20% darker color. If you saturate the color by 10%, you get **90, 19.783, 308.707**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

Distribution



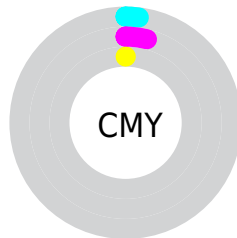
- Red (98%)
- Green (96%)
- Blue (100%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 6.417, 306.317 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, 6.417, 306.317 by changing the saturation by 10% instead.

 97, 6.417, 306.317

 97, 6.417, 306.317

 100, 6.417,
306.317

 87, 6.417, 306.317

 77, 6.417, 306.317

 67, 6.417, 306.317

 57, 6.417, 306.317

 47, 6.417, 306.317

 37, 6.417, 306.317

 27, 6.417, 306.317

 17, 6.417, 306.317

 7, 6.417, 306.317

97, 6.417, 306.317

97, 6.417, 306.317

90, 19.783,
308.707

100, 0.012,
296.813

82, 34.231,
309.244

75, 49.006,
309.815

68, 63.955,
310.402

62, 78.789,
310.968

55, 93.014,
311.455

50, 105.860,
311.773

45, 116.287,
311.802

■ 41, 123.258,
311.417

Harmonies

Complementary

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



97, 6.417, 306.317



99, 5.684, 127.873

Rectangle

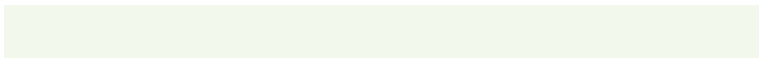
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 6.417, 306.317



97, 6.417, 356.317



97, 6.417, 126.317



97, 6.417, 176.317

Sweetspot

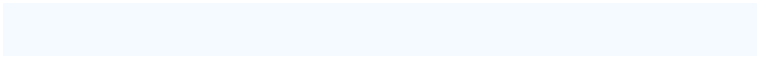
The Sweet Spot groups the original color and five complimentary colors.



97, 5.738, 308.204



99, 1.379, 307.988



98, 3.179, 252.375



53, 0.784, 307.981



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, 5.738, 308.204



96, 6.891, 308.246



97, 6.549, 323.727



51, 4.706, 308.281



29, 101.168, 311.224



6, 44.919, 312.075

Inverse Universe

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



97, 4.744, 342.339



97, 5.697, 342.424



99, 6.526, 143.371



51, 3.889, 342.492



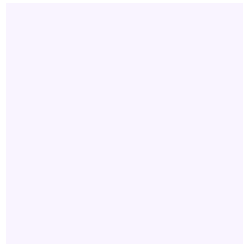
41, 68.651, 359.346



11, 32.176, 354.208

Previews

White Background



This preview shows how the CIE LCh color 97, 6.417, 306.317 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, 6.417, 306.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

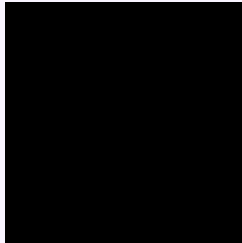
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

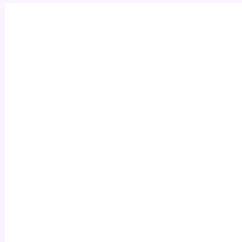
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 6.417, 306.317

Background



This preview shows how black text looks on a background with the CIELCh color 97, 6.417, 306.317.

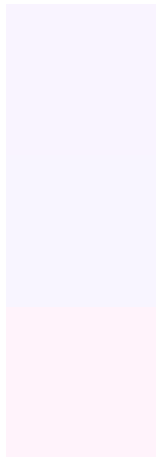


This preview shows how white text looks on a background with the CIELCh color 97, 6.417, 306.317.

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, 5.921, 307.643

Protanopia

97, 5.242, 302.017

Deuteranopia

97, 5.909, 335.926



Tritanopia
97, 5.326, 305.676

Trichromacy



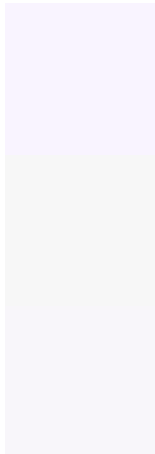
Original Color
97, 5.921, 307.643

Protanomaly
97, 5.242, 302.017

Deuteranomaly
97, 5.823, 327.444

Tritanomaly
97, 5.326, 305.676

Monochromacy



Original Color
97, 5.921, 307.643

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, 6.417, 306.317 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, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 244, 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(249, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 244, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 6.417, 306.317 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, 244, 255) }
```

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

```
.border{ border-color:rgb(249, 244, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 244,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 6.417, 306.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 244, 255) }
```

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

```
.background{ background-color: rgb(249,  
244, 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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