

Converting Colors

CIELCh(97, 7.241, 315.396)

Have a look what the booklet for
CIELCh(97, 7.241, 315.396) contains.

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Color

CIELCh(97, 6.317, 316.737)

Conversions

Conversions Part 1

Format	Color
Hex	FCF4FF
RGB	252, 244, 255
RGB Percent	99%, 96%, 100%
CMY	0.0126, 0.0439, 0.0008
CMYK	0.01, 0.04, 0.00, 0.00
HSL	284°, 96%, 98%
HSV	284°, 4%, 100%
XYZ	90.3748, 92.4403, 107.5119
YIQ	247.6460, 1.2370, 5.1170

Conversions

Conversions Part 2

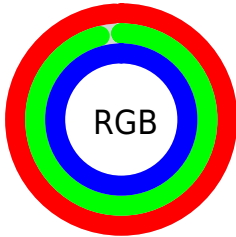
Format	Color
R_{YB}	252, 244, 255
Decimal	16577791
CIE _{Lab}	97.00, 4.60, -4.33
CIE _{LCh}	97, 6.317, 316.737
Yxy	92.4403, 0.3113, 0.3184
Android (android.graphics.Color)	4294767871 (0xFFFCF4FF)
YUV	247.6460, 3.6255, 3.8185
Hunter-Lab	96.1459, -0.4697, 1.0031

Details

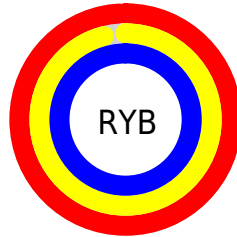
The CIELCh color **97, 6.317, 316.737** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 6.276, 136.439**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 5.982, 315.912** is the 20% darker color. If you saturate the color by 10%, you get **90, 21.150, 317.191**, and if you desaturate by 10%, it is **100, 0.093, 109.341**.

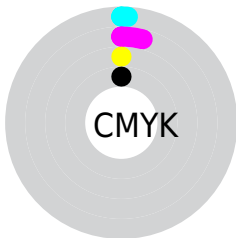
Distribution



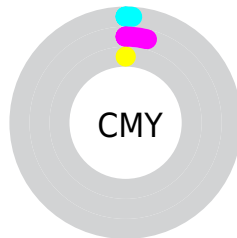
- Red (99%)
- Green (96%)
- Blue (100%)



- Red (99%)
- Yellow (96%)
- Blue (100%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 6.317, 316.737 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, 6.317, 316.737 by changing the saturation by 10% instead.

 97, 6.317, 316.737

 97, 6.317, 316.737

 100, 6.317,
316.737


 87, 6.317, 316.737


 77, 6.317, 316.737


 67, 6.317, 316.737

 57, 6.317, 316.737

 47, 6.317, 316.737

 37, 6.317, 316.737

 27, 6.317, 316.737

 17, 6.317, 316.737

 7, 6.317, 316.737

97, 6.317, 316.737

97, 6.317, 316.737

90, 21.150,
317.191

100, 0.093,
109.341

84, 36.214,
317.638

77, 51.331,
318.074

71, 66.214,
318.477

65, 80.437,
318.813

60, 93.405,
319.035

56, 104.377,
319.085

52, 112.598,
318.902

■ 50,117.565,
318.433

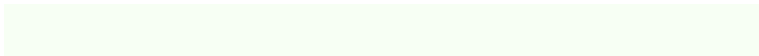
Harmonies

Complementary

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



97, 6.317, 316.737



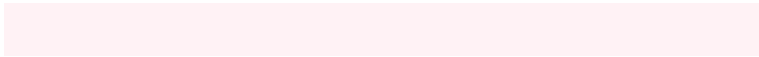
99, 6.276, 136.439

Rectangle

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



97, 6.317, 316.737



97, 6.317, 6.737



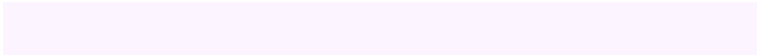
97, 6.317, 136.737



97, 6.317, 186.737

Sweetspot

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



97, 6.314, 316.734



99, 1.467, 316.476



97, 4.159, 275.509



53, 0.834, 316.466



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, 6.314, 316.734



97, 7.326, 316.768



97, 5.888, 331.326



51, 5.001, 316.802



36, 95.989, 318.215



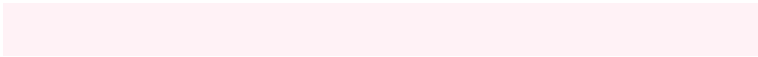
9, 43.914, 319.306

Inverse Universe

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



97, 4.194, 358.135



97, 4.870, 358.220



99, 5.864, 150.905



51, 3.328, 358.303



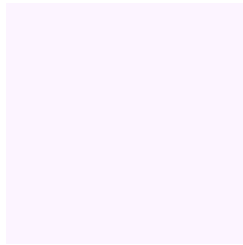
40, 71.684, 23.674



10, 31.583, 14.574

Previews

White Background



This preview shows how the CIE LCh color 97, 6.317, 316.737 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, 6.317, 316.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

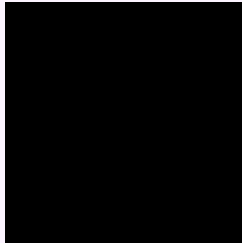
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 6.317, 316.737

Background



This preview shows how black text looks on a background with the CIELCh color 97, 6.317, 316.737.

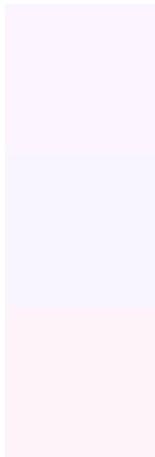


This preview shows how white text looks on a background with the CIELCh color 97, 6.317, 316.737.

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, 6.317, 316.737

Protanopia

97, 5.242, 302.017

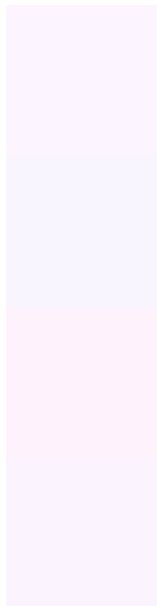
Deuteranopia

97, 5.567, 339.698



Tritanopia
97, 6.036, 310.798

Trichromacy



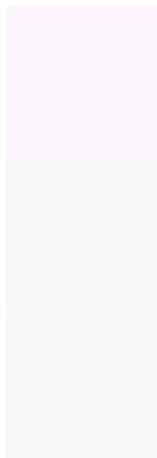
Original Color
97, 6.317, 316.737

Protanomaly
97, 5.326, 305.676

Deuteranomaly
97, 6.043, 330.107

Tritanomaly
97, 6.168, 313.832

Monochromacy



Original Color
97, 6.317, 316.737

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.319, 317.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 6.317, 316.737 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(252, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 244, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 6.317, 316.737 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(252, 244, 255) }
```

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

```
.border{ border-color:rgb(252, 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(252, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 244,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 6.317, 316.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 244, 255) }
```

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

```
.background{ background-color: rgb(252,  
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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