

Converting Colors

CIELCh(97, 6.481, 319.507)

Have a look what the booklet for
CIELCh(97, 6.481, 319.507) contains.

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Color

CIELCh(97, 6.481, 319.507)

Conversions

Conversions Part 1

Format	Color
Hex	FDF4FF
RGB	253, 244, 255
RGB Percent	99%, 96%, 100%
CMY	0.0095, 0.0448, 0.0017
CMYK	0.01, 0.04, 0.00, 0.00
HSL	289°, 93%, 98%
HSV	289°, 4%, 100%
XYZ	90.5561, 92.4403, 107.3162
YIQ	247.9450, 1.8330, 5.3290

Conversions

Conversions Part 2

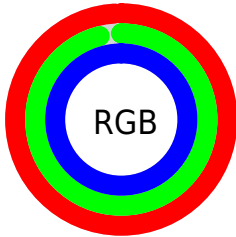
Format	Color
R _Y B	253, 244, 255
Decimal	16643327
CIE Lab	97.00, 4.93, -4.21
CIE LCh	97, 6.481, 319.507
Yxy	92.4403, 0.3119, 0.3184
Android (android.graphics.Color)	4294833407 (0xFFFD4FF)
YUV	247.9450, 3.4781, 4.4332
Hunter-Lab	96.1459, -0.1331, 1.1237

Details

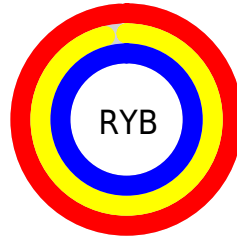
The CIELCh color **97, 6.481, 319.507** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **99, 6.446, 139.192**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 6.150, 318.998** is the 20% darker color. If you saturate the color by 10%, you get **90, 21.656, 319.988**, and if you desaturate by 10%, it is **100, 0.205, 109.786**.

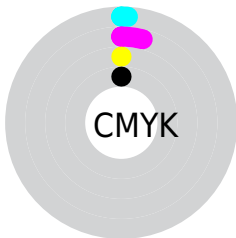
Distribution



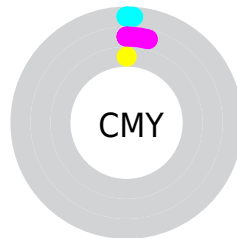
- Red (99%)
- Green (96%)
- Blue (100%)



- 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, 6.481, 319.507 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, 6.481, 319.507 by changing the saturation by 10% instead.

 97, 6.481, 319.507

 97, 6.481, 319.507

 100, 6.481,
319.507

 87, 6.481, 319.507

 77, 6.481, 319.507

 67, 6.481, 319.507

 57, 6.481, 319.507

 47, 6.481, 319.507

 37, 6.481, 319.507

 27, 6.481, 319.507

 17, 6.481, 319.507

 7, 6.481, 319.507

97, 6.481, 319.507

97, 6.481, 319.507

90, 21.656,
319.988

100, 0.205,
109.786

84, 36.994,
320.450

78, 52.276,
320.895

72, 67.169,
321.301

67, 81.199,
321.637

62, 93.751,
321.867

58, 104.119,
321.946

55, 111.656,
321.831

■ 53,116.018,
321.492

Harmonies

Complementary

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



97, 6.481, 319.507



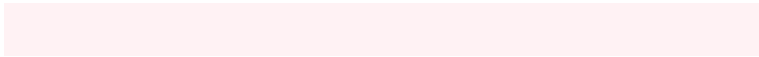
99, 6.446, 139.192

Rectangle

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



97, 6.481, 319.507



97, 6.481, 9.507



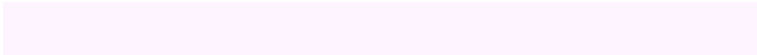
97, 6.481, 139.507



97, 6.481, 189.507

Sweetspot

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



97, 6.478, 319.505



99, 1.505, 319.226



97, 4.641, 281.918



53, 0.856, 319.215



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, 6.478, 319.505



97, 7.515, 319.541



97, 5.479, 335.191



51, 5.130, 319.577



39, 94.619, 321.330



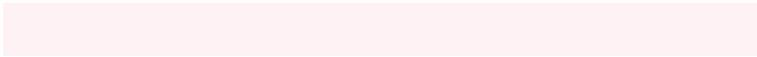
10, 43.403, 322.118

Inverse Universe

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



97, 4.035, 4.878



97, 4.687, 4.963



99, 5.451, 154.742



51, 3.204, 5.045



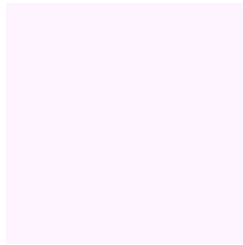
40, 75.849, 30.920



10, 32.091, 19.612

Previews

White Background



This preview shows how the CIELCh color 97, 6.481, 319.507 looks on a white background.

Color Contrast Check

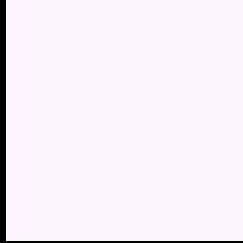
Large Text (above 18pt) WCAG AA × Fail

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, 6.481, 319.507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

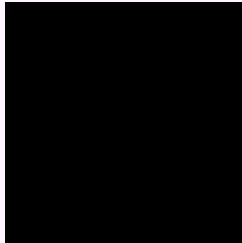
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 6.481, 319.507

Background



This preview shows how black text looks on a background with the CIELCh color 97, 6.481, 319.507.

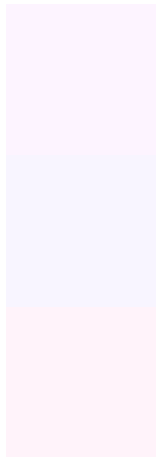


This preview shows how white text looks on a background with the CIELCh color 97, 6.481, 319.507.

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, 6.481, 319.507

Protanopia

97, 5.242, 302.017

Deuteranopia

97, 5.567, 339.698



Tritanopia
97, 6.036, 310.798

Trichromacy



Original Color

97, 6.481, 319.507

Protanomaly

97, 6.036, 310.798

Deuteranomaly

97, 6.043, 330.107

Tritanomaly

97, 6.168, 313.832

Monochromacy



Original Color

97, 6.481, 319.507



Achromatopsia

98, 0.011, 296.813

Achromatomaly

97, 2.501, 324.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 6.481, 319.507 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(253, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 244, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 6.481, 319.507 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(253, 244, 255) }
```

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

```
.border{ border-color:rgb(253, 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(253, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 244,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 6.481, 319.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 244, 255) }
```

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

```
.background{ background-color: rgb(253,  
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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