

# Converting Colors

CIE LCh(97, 6.219, 322.777)

Have a look what the booklet for  
CIELCh(97, 6.219, 322.777) contains.

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# **Color**

**CIELCh(97, 6.040, 321.860)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDF4FE
RGB	253, 244, 254
RGB Percent	99%, 96%, 100%
CMY	0.0092, 0.0445, 0.0053
CMYK	0.00, 0.04, 0.00, 0.01
HSL	294°, 79%, 98%
HSV	294°, 4%, 99%
XYZ	90.4577, 92.4403, 106.5445
YIQ	247.8310, 2.1540, 5.0180

# Conversions

## Conversions Part 2

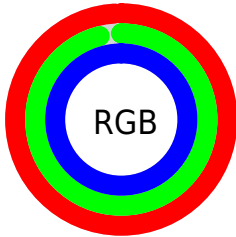
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	253, 244, 254
Decimal	16643326
CIE <sub>Lab</sub>	97.00, 4.75, -3.73
CIE <sub>LCh</sub>	97, 6.040, 321.860
Yxy	92.4403, 0.3125, 0.3194
Android (android.graphics.Color)	4294833406 (0xFFFD4FE)
YUV	247.8310, 3.0413, 4.5332
Hunter-Lab	96.1459, -0.3157, 1.5996

# Details

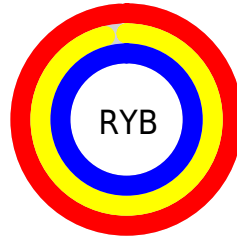
The CIELCh color 97, 6.040, 321.860 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 6.012, 141.562, and the grayscale version is 97, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 77, 5.685, 321.577 is the 20% darker color. If you saturate the color by 10%, you get 91, 21.507, 322.384, and if you desaturate by 10%, it is 100, 0.674, 110.013.

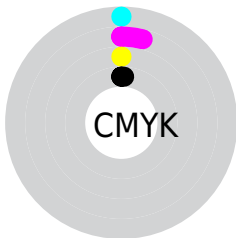
# Distribution



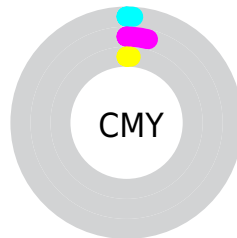
- Red (99%)
- Green (96%)
- Blue (100%)



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



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



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

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 6.040, 321.860 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, 6.040, 321.860 by changing the saturation by 10% instead.



 97, 6.040, 321.860

 97, 6.040, 321.860

 100, 6.040,  
321.860

 87, 6.040, 321.860

 77, 6.040, 321.860

 67, 6.040, 321.860

 57, 6.040, 321.860

 47, 6.040, 321.860

 37, 6.040, 321.860

 27, 6.040, 321.860

 17, 6.040, 321.860

 7, 6.040, 321.860

97, 6.040, 321.860

97, 6.040, 321.860

91, 21.507,  
322.384

100, 0.674,  
110.013

85, 37.085,  
322.879

79, 52.516,  
323.353

73, 67.431,  
323.789

68, 81.327,  
324.160

64, 93.585,  
324.439

61, 103.539,  
324.595

58, 110.637,  
324.600

■ 56,114.651,  
324.441

# Harmonies

# Complementary

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



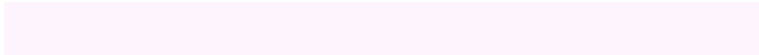
97, 6.040, 321.860



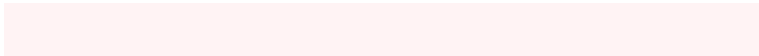
99, 6.012, 141.562

# Rectangle

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



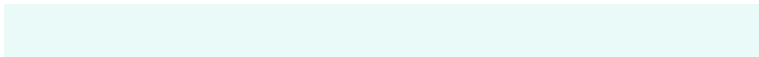
97, 6.040, 321.860



97, 6.040, 11.860



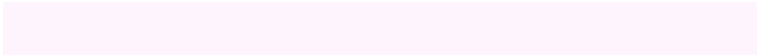
97, 6.040, 141.860



97, 6.040, 191.860

# Sweetspot

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



97, 6.037, 321.859



99, 1.543, 321.580



97, 4.537, 285.439



53, 0.877, 321.568



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, 6.037, 321.859



97, 7.700, 321.921



97, 4.749, 338.062



51, 5.256, 321.959



42, 93.712, 324.345



11, 43.064, 324.802

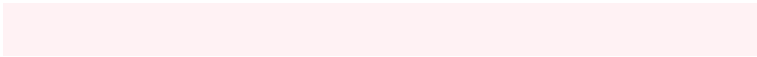


# Inverse Universe

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



97, 3.583, 11.285



97, 4.583, 11.412



99, 4.720, 157.664



51, 3.134, 11.490



40, 79.974, 35.952

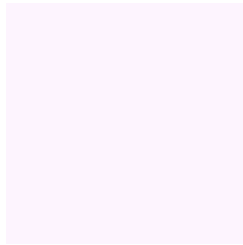


10, 32.601, 23.113



# Previews

## White Background



This preview shows how the CIE LCh color 97, 6.040, 321.860 looks on a white background.

## Color Contrast Check

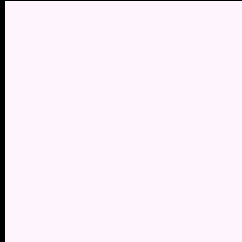
Large Text (above 18pt) WCAG AA × Fail

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, 6.040, 321.860 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

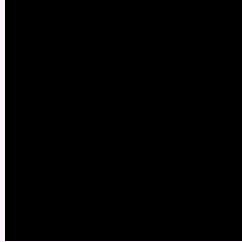
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 97, 6.040, 321.860

## Background



This preview shows how black text looks on a background with the CIELCh color 97, 6.040, 321.860.

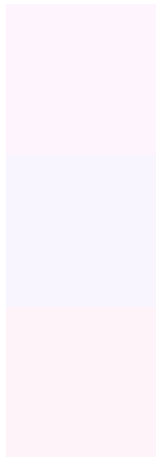


This preview shows how white text looks on a background with the CIELCh color 97, 6.040, 321.860.

# 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, 6.040, 321.860


### Protanopia

97, 4.743, 303.226

### Deuteranopia

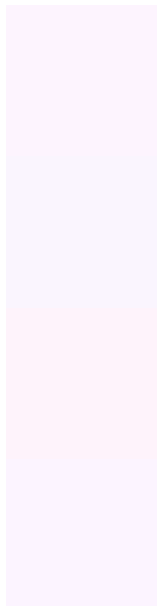
97, 5.567, 339.698





**Tritanopia**  
97, 6.168, 313.832

# Trichromacy



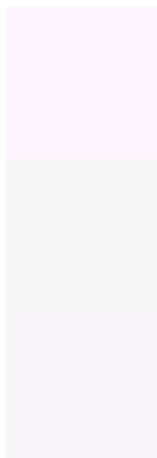
**Original Color**  
97, 6.040, 321.860

**Protanomaly**  
97, 4.950, 311.102

**Deuteranomaly**  
97, 5.662, 333.425

**Tritanomaly**  
97, 6.317, 316.737

# Monochromacy



**Original Color**  
97, 6.040, 321.860

**Achromatopsia**  
97, 0.011, 296.813

**Achromatomaly**  
97, 1.879, 324.347

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 97, 6.040, 321.860 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(253, 244, 254)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 244, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 244, 254) }
```

## Border

The CSS property to change the border of an element to CIELCh 97, 6.040, 321.860 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(253, 244, 254) }
```

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

```
.border{ border-color:rgb(253, 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(253, 244, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 244, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 244, 254);  
box-shadow:4px 4px 4px 4px rgb(253, 244,  
254) }
```

# Background

The CSS property to change the background color of an element to CIELCh 97, 6.040, 321.860 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, 254) }
```

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

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