

# Converting Colors

CIELCh(97, 4.862, 346.160)

Have a look what the booklet for  
CIELCh(97, 4.862, 346.160) contains.

<b>CIELCh(97, 5.253, 343.947)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	21
<i><b>Color Blindness Simulation</b></i> .....	24
<i><b>CSS Examples</b></i> .....	27

# Color

**CIELCh(97, 5.253, 343.947)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF3F9
RGB	255, 243, 249
RGB Percent	100%, 95%, 98%
CMY	0.0000, 0.0459, 0.0224
CMYK	0.00, 0.05, 0.02, 0.00
HSL	329°, 100%, 98%
HSV	329°, 5%, 100%
XYZ	90.6220, 92.4403, 102.9199
YIQ	247.2720, 5.2260, 4.4100

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 243, 249
Decimal	16774137
CIE <sub>Lab</sub>	97.00, 5.05, -1.45
CIE <sub>LCh</sub>	97, 5.253, 343.947
Yxy	92.4403, 0.3169, 0.3232
Android (android.graphics.Color)	4294964217 (0xFFFFF3F9)
YUV	247.2720, 0.8519, 6.7775
Hunter-Lab	96.1459, -0.0106, 3.8348

# Details

The CIELCh color **97, 5.253, 343.947** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 5.127, 162.729**, 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, 5.215, 341.642** is the 20% darker color. If you saturate the color by 10%, you get **91, 16.609, 344.232**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

# Distribution



Red (100%)

Green (95%)

Blue (98%)



Red (100%)

Yellow (95%)

Blue (98%)



Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (2%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 5.253, 343.947 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, 5.253, 343.947 by changing the saturation by 10% instead.



 97, 5.253, 343.947

 97, 5.253, 343.947

 100, 5.253,  
343.947

 87, 5.253, 343.947

 77, 5.253, 343.947

 67, 5.253, 343.947

 57, 5.253, 343.947

 47, 5.253, 343.947

 37, 5.253, 343.947

 27, 5.253, 343.947

 17, 5.253, 343.947

 7, 5.253, 343.947

97, 5.253, 343.947

97, 5.253, 343.947

91, 16.609,  
344.232

100, 0.012,  
296.813

84, 28.225,  
345.217

78, 39.810,  
346.322

73, 51.043,  
347.590

67, 61.472,  
349.084

63, 70.523,  
350.892

60, 77.590,  
353.134

57, 82.215,  
355.969

■ 55, 84.331,  
359.556

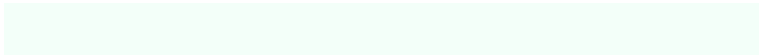
# Harmonies

# Complementary

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



97, 5.253, 343.947



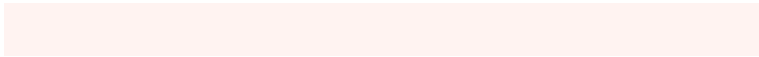
99, 5.127, 162.729

# Rectangle

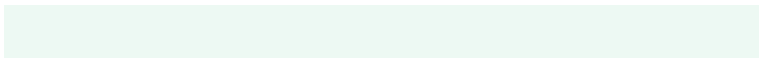
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



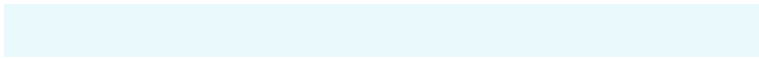
97, 5.253, 343.947



97, 5.253, 33.947



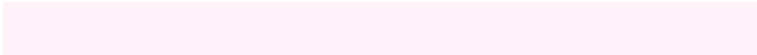
97, 5.253, 163.947



97, 5.253, 213.947

# Sweetspot

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



97, 5.169, 343.293



99, 1.126, 342.664



97, 6.344, 308.669



53, 0.640, 342.638



0, 0.000, 0.000



53, 0.007, 296.813





# Same Dimension

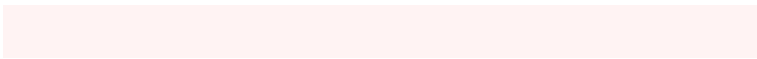
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 5.169, 343.293



96, 6.762, 343.433



97, 4.164, 18.159



51, 4.489, 343.495



41, 68.390, 0.974



10, 31.987, 355.562



# Inverse Universe

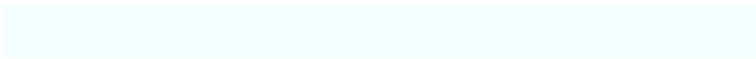
The Inverse Universe completely reimagines the original color for something new.



97, 5.169, 343.293



96, 6.762, 343.433



99, 4.047, 197.904



51, 4.489, 343.495



41, 68.390, 0.974

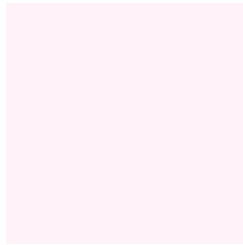


10, 31.987, 355.562



# Previews

## White Background



This preview shows how the CIELCh color 97, 5.253, 343.947 looks on a white background.

## Color Contrast Check

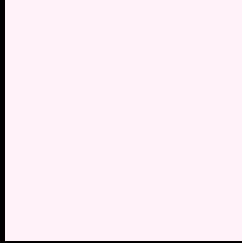
Large Text (above 18pt) WCAG AA × Fail

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, 5.253, 343.947 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

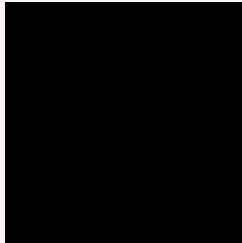
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 97, 5.253, 343.947

## Background



This preview shows how black text looks on a background with the CIELCh color 97, 5.253, 343.947.

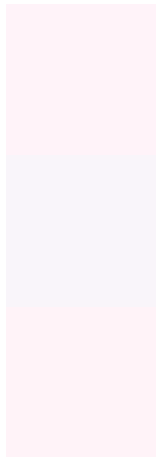


This preview shows how white text looks on a background with the CIELCh color 97, 5.253, 343.947.

# 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, 5.253, 343.947


### Protanopia

97, 2.940, 318.817

### Deuteranopia

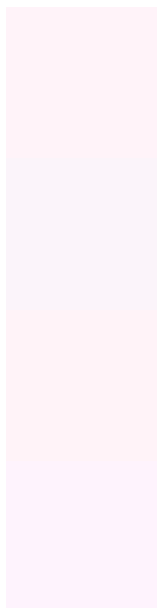
97, 4.971, 348.712





**Tritanopia**  
97, 7.103, 319.977

# Trichromacy



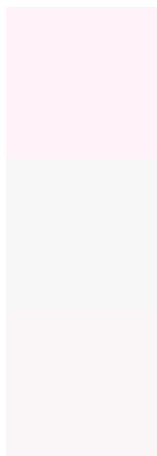
**Original Color**  
97, 5.253, 343.947

**Protanomaly**  
97, 3.960, 328.690

**Deuteranomaly**  
97, 4.971, 348.712

**Tritanomaly**  
97, 6.442, 327.196

# Monochromacy



**Original Color**  
97, 5.253, 343.947

**Achromatopsia**  
97, 0.011, 296.813

**Achromatomaly**  
97, 1.755, 343.509

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 97, 5.253, 343.947 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(255, 243, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 249)  
}
```

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(255, 243, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 249) }
```

## Border

The CSS property to change the border of an element to CIELCh 97, 5.253, 343.947 is called "border". The border property can be set on classes, ids or directly on the HTML element.

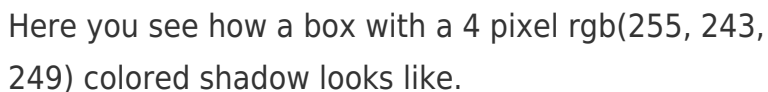
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 243, 249) }
```

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

```
.border{ border-color:rgb(255, 243, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 243, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
249) }
```

# Background

The CSS property to change the background color of an element to CIELCh 97, 5.253, 343.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 249) }
```

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

```
.background{ background-color: rgb(255,  
243, 249) }
```

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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