

Converting Colors

CIE LCh(97, 5.170, 343.497)

Have a look what the booklet for
CIELCh(97, 5.170, 343.497) contains.

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

Format	Color
R _Y B	255, 243, 249
Decimal	16774137
CIE Lab	97.00, 5.05, -1.45
CIE LCh	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

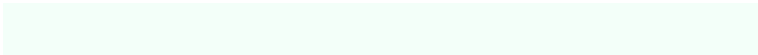
Harmonies

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



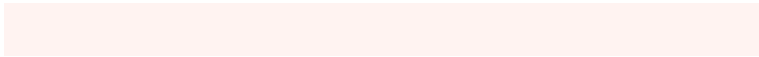
99, 5.127, 162.729

Rectangle

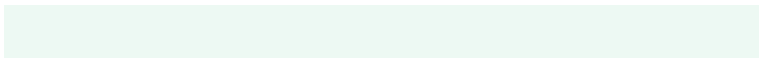
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



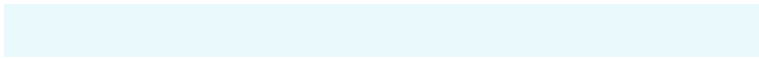
97, 5.253, 343.947



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

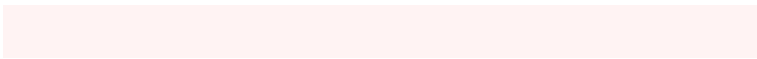
The Same Dimension uses a secret algorithm to generate beautiful new colors.



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

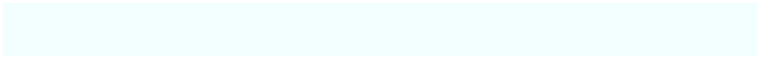
The Inverse Universe completely reimagines the original color for something new.



97, 5.169, 343.293



96, 6.762, 343.433



99, 4.047, 197.904



51, 4.489, 343.495



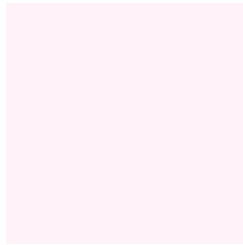
41, 68.390, 0.974



10, 31.987, 355.562

Previews

White Background



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

Color Contrast Check

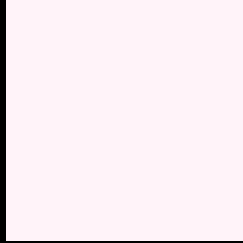
Large Text (above 18pt) WCAG AA × Fail

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

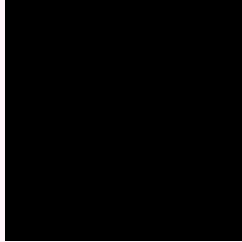
Large Text (above 18pt) WCAG AAA ✓ Pass

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.

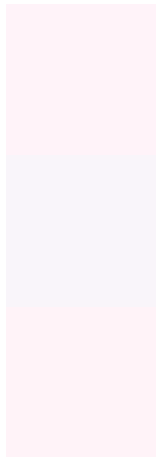


This preview shows how white text looks on a background with the CIELCh color 97, 5.253, 343.947.

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

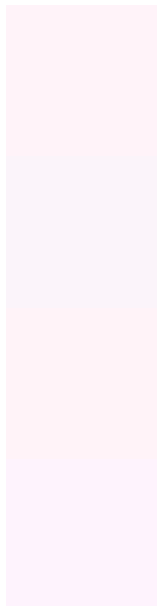
Deuteranopia

97, 4.971, 348.712



Tritanopia
97, 7.103, 319.977

Trichromacy



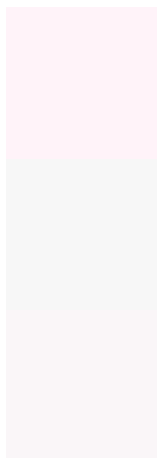
Original Color
97, 5.253, 343.947

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor