

# Converting Colors

CIELCh(97, 3.914, 357.145)

Have a look what the booklet for  
CIELCh(97, 3.914, 357.145) contains.

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# Color

**CIELCh(97, 3.867, 356.178)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEF4F7
RGB	254, 244, 247
RGB Percent	100%, 96%, 97%
CMY	0.0041, 0.0433, 0.0316
CMYK	0.00, 0.04, 0.03, 0.00
HSL	342°, 83%, 98%
HSV	342°, 4%, 100%
XYZ	89.9664, 92.4403, 101.0518
YIQ	247.3320, 4.9970, 3.0530

# Conversions

## Conversions Part 2

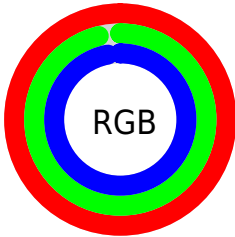
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 244, 247
Decimal	16708855
CIE <sub>Lab</sub>	97.00, 3.86, -0.26
CIE <sub>LCh</sub>	97, 3.867, 356.178
Yxy	92.4403, 0.3174, 0.3261
Android (android.graphics.Color)	4294898935 (0xFFFEF4F7)
YUV	247.3320, -0.1637, 5.8478
Hunter-Lab	96.1459, -1.2279, 4.9868

# Details

The CIELCh color **97, 3.867, 356.178** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 3.812, 175.769**, 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, 3.722, 353.984** is the 20% darker color. If you saturate the color by 10%, you get **90, 13.964, 357.322**, and if you desaturate by 10%, it is **100, 0.366, 201.191**.

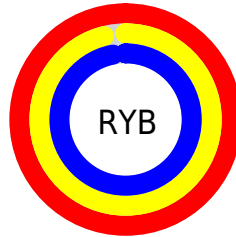
# Distribution



Red (100%)

Green (96%)

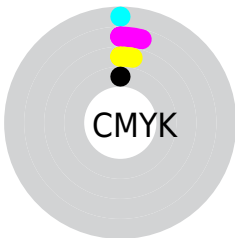
Blue (97%)



Red (100%)

Yellow (96%)

Blue (97%)

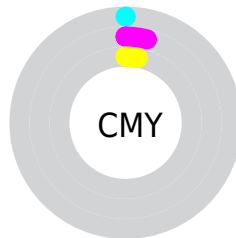


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (3%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 3.867, 356.178 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, 3.867, 356.178 by changing the saturation by 10% instead.



 97, 3.867, 356.178

 97, 3.867, 356.178

 100, 3.867,  
356.178

 87, 3.867, 356.178

 77, 3.867, 356.178

 67, 3.867, 356.178

 57, 3.867, 356.178

 47, 3.867, 356.178

 37, 3.867, 356.178

 27, 3.867, 356.178

 17, 3.867, 356.178

 7, 3.867, 356.178

97, 3.867, 356.178

97, 3.867, 356.178

90, 13.964,  
357.322

100, 0.366,  
201.191

84, 24.429,  
358.519

78, 35.126,  
359.921

72, 45.819, 1.609

67, 56.153, 3.688

62, 65.666, 6.302

58, 73.871, 9.623

56, 80.436, 13.820

54, 85.415, 18.959

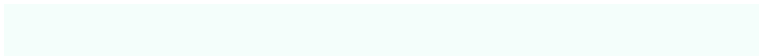
# Harmonies

# Complementary

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



97, 3.867, 356.178



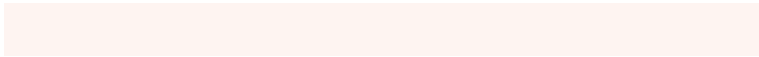
99, 3.812, 175.769

# Rectangle

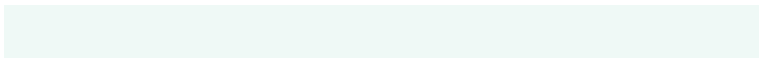
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



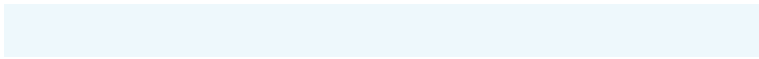
97, 3.867, 356.178



97, 3.867, 46.178



97, 3.867, 176.178



97, 3.867, 226.178

# Sweetspot

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



97, 3.865, 356.198



99, 0.983, 355.490



97, 5.700, 315.860



53, 0.559, 355.455



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, 3.865, 356.198



97, 4.937, 356.332



97, 3.002, 39.180



51, 3.373, 356.414



40, 70.694, 21.289



10, 31.462, 12.770





# Inverse Universe

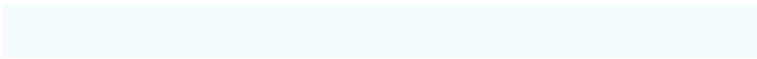
The Inverse Universe completely reimagines the original color for something new.



97, 3.865, 356.198



97, 4.937, 356.332



98, 2.934, 219.796



51, 3.373, 356.414



40, 70.694, 21.289

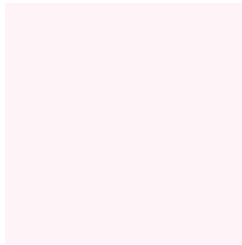


10, 31.462, 12.770



# Previews

## White Background



This preview shows how the CIELCh color 97, 3.867, 356.178 looks on a white background.

## Color Contrast Check

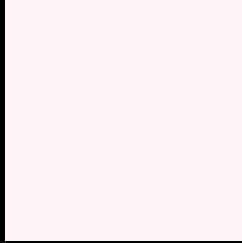
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the CIELCh color 97, 3.867, 356.178 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

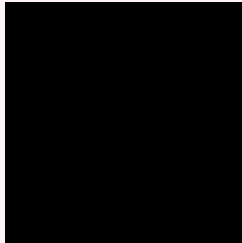
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

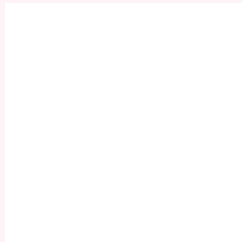
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 97, 3.867, 356.178

## Background



This preview shows how black text looks on a background with the CIELCh color 97, 3.867, 356.178.



This preview shows how white text looks on a background with the CIELCh color 97, 3.867, 356.178.

# 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, 3.867, 356.178

**Protanopia**  
97, 2.353, 338.595

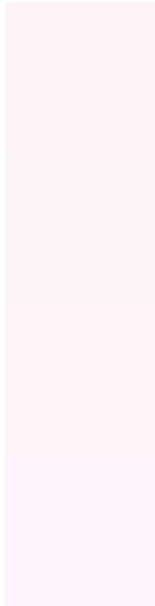
**Deuteranopia**  
97, 4.195, 358.142



**Tritanopia**  
97, 6.317, 316.737



# Trichromacy



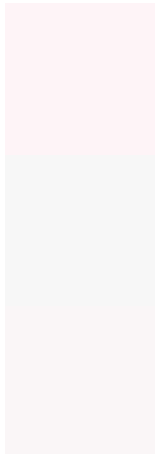
**Original Color**  
97, 3.867, 356.178

**Protanomaly**  
97, 2.629, 343.664

**Deuteranomaly**  
97, 4.195, 358.142

**Tritanomaly**  
97, 5.199, 327.754

# Monochromacy



**Original Color**  
97, 3.867, 356.178

**Achromatopsia**  
97, 0.011, 296.813

**Achromatomaly**  
97, 1.508, 359.278

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 97, 3.867, 356.178 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(254, 244, 247)` looks like.

```
.text, #text, p{  
    color:rgb(254, 244, 247)  
}
```

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(254, 244, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 244, 247) }
```

## Border

The CSS property to change the border of an element to CIELCh 97, 3.867, 356.178 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(254, 244, 247) }
```

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

```
.border{ border-color:rgb(254, 244, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 244, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 244, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 244, 247);  
box-shadow:4px 4px 4px 4px rgb(254, 244,  
247) }
```

# Background

The CSS property to change the background color of an element to CIELCh 97, 3.867, 356.178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 244, 247) }
```

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

```
.background{ background-color: rgb(254,  
244, 247) }
```

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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