

Converting Colors

CIELCh(97, 3.637, 121.114)

Have a look what the booklet for
CIELCh(97, 3.637, 121.114) contains.

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Color

CIELCh(97, 3.639, 121.113)

Conversions

Conversions Part 1

Format	Color
Hex	F5F7F0
RGB	245, 247, 240
RGB Percent	96%, 97%, 94%
CMY	0.0382, 0.0304, 0.0578
CMYK	0.01, 0.00, 0.03, 0.03
HSL	77°, 31%, 96%
HSV	77°, 3%, 97%
XYZ	86.8481, 92.4403, 95.8999
YIQ	245.6040, 1.0550, -2.6010

Conversions

Conversions Part 2

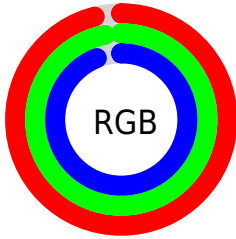
Format	Color
R _Y B	240, 247, 242
Decimal	16119792
CIE Lab	97.00, -1.88, 3.12
CIE LCh	97, 3.639, 121.113
Yxy	92.4403, 0.3156, 0.3359
Android (android.graphics.Color)	4294309872 (0xFFFF5F7F0)
YUV	245.6040, -2.7628, -0.5297
Hunter-Lab	96.1459, -7.0172, 8.1638

Details

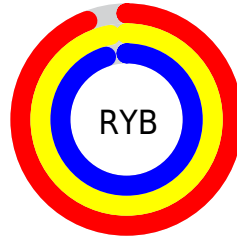
The CIELCh color **97, 3.639, 121.113** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95, 3.682, 301.433**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 3.822, 121.065** is the 20% darker color. If you saturate the color by 10%, you get **96, 16.525, 120.527**, and if you desaturate by 10%, it is **98, 4.358, 314.374**.

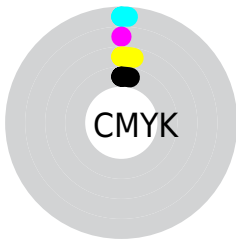
Distribution



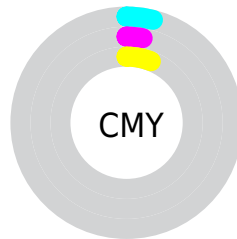
- Red (96%)
- Green (97%)
- Blue (94%)



- Red (94%)
- Yellow (97%)
- Blue (95%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 3.639, 121.113 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, 3.639, 121.113 by changing the saturation by 10% instead.

 97, 3.639, 121.113

 97, 3.639, 121.113

 100, 3.639,
121.113

 87, 3.639, 121.113

 77, 3.639, 121.113

 67, 3.639, 121.113

 57, 3.639, 121.113

 47, 3.639, 121.113

 37, 3.639, 121.113

 27, 3.639, 121.113

 17, 3.639, 121.113

 7, 3.639, 121.113

97, 3.639, 121.113

97, 3.639, 121.113

96, 16.525,
120.527

98, 4.358, 314.374

98, 4.820, 324.545

95, 29.330,
119.919

94, 41.948,
119.317

93, 54.212,
118.749

92, 65.877,
118.260

92, 76.577,
117.914

91, 85.808,
117.804

91, 92.978,
118.041

■ 90, 97.625,
118.723

Harmonies

Complementary

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



97, 3.639, 121.113



95, 3.682, 301.433

Rectangle

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



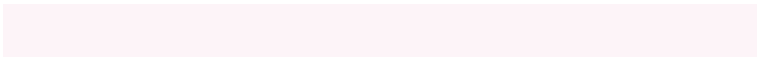
97, 3.639, 121.113



97, 3.639, 171.113



97, 3.639, 301.113



97, 3.639, 351.113

Sweetspot

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



97, 3.641, 121.130



100, 1.310, 121.262



96, 2.037, 49.034



53, 0.745, 121.267



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, 3.641, 121.130



100, 3.954, 121.120



97, 4.080, 138.245



51, 2.901, 121.071



70, 80.355, 119.210



22, 34.390, 118.115

Inverse Universe

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



95, 3.682, 301.433



98, 3.999, 301.444



95, 4.106, 318.376



50, 2.934, 301.494



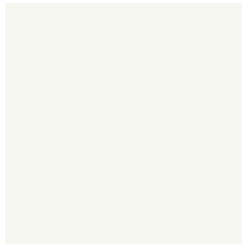
25, 102.754, 308.146



4, 40.795, 306.315

Previews

White Background



This preview shows how the CIE LCh color 97, 3.639, 121.113 looks on a white background.

Color Contrast Check

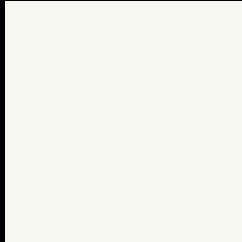
Large Text (above 18pt) WCAG AA × Fail

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, 3.639, 121.113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

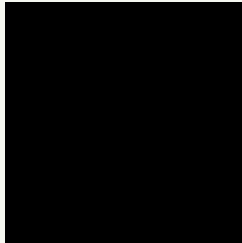
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

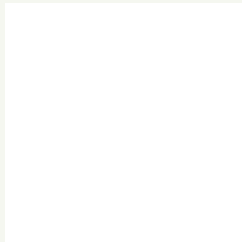
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 3.639, 121.113

Background



This preview shows how black text looks on a background with the CIELCh color 97, 3.639, 121.113.

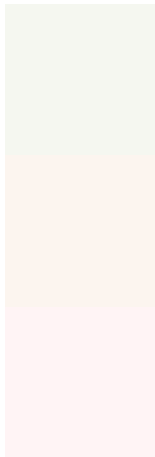


This preview shows how white text looks on a background with the CIELCh color 97, 3.639, 121.113.

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, 3.639, 121.113

Protanopia

97, 3.928, 70.419

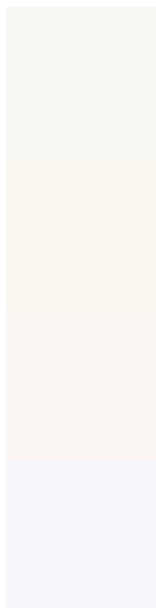
Deuteranopia

97, 3.938, 12.069



Tritanopia
97, 5.242, 302.017

Trichromacy



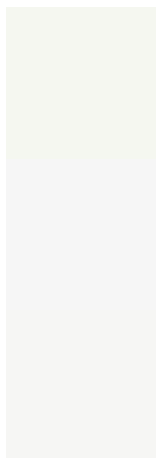
Original Color
97, 3.639, 121.113

Protanomaly
97, 3.824, 87.993

Deuteranomaly
97, 2.346, 45.010

Tritanomaly
97, 2.089, 299.991

Monochromacy



Original Color
97, 3.639, 121.113

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.010, 110.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 3.639, 121.113 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(245, 247, 240)` looks like.

```
.text, #text, p{  
    color:rgb(245, 247, 240)  
}
```

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(245, 247, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 247, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 3.639, 121.113 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(245, 247, 240) }
```

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

```
.border{ border-color:rgb(245, 247, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 247, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 247, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 247, 240);  
box-shadow:4px 4px 4px 4px rgb(245, 247,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 3.639, 121.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 247, 240) }
```

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

```
.background{ background-color: rgb(245,  
247, 240) }
```

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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