

Converting Colors

CIELCh(98, 41.680, 123.184)

Have a look what the booklet for
CIELCh(98, 41.680, 123.184)
contains.

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Color

CIELCh(97, 38.940, 121.407)

Conversions

Conversions Part 1

Format	Color
Hex	E7FFB5
RGB	231, 255, 181
RGB Percent	91%, 100%, 71%
CMY	0.0943, 0.0000, 0.2906
CMYK	0.09, 0.00, 0.29, 0.00
HSL	79°, 100%, 85%
HSV	79°, 29%, 100%
XYZ	77.3315, 92.4403, 57.4296
YIQ	239.3880, 9.4500, -28.1020

Conversions

Conversions Part 2

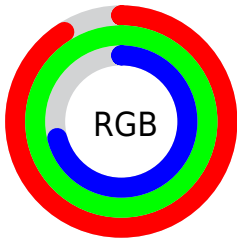
Format	Color
RYB	181, 255, 205
Decimal	15204277
CIELab	97.00, -20.29, 33.23
CIELCh	97, 38.940, 121.407
Yxy	92.4403, 0.3404, 0.4069
Android (android.graphics.Color)	4293394357 (0xFFE7FFB5)
YUV	239.3880, -28.7853, -7.3563
Hunter-Lab	96.1459, -24.6853, 31.8871

Details

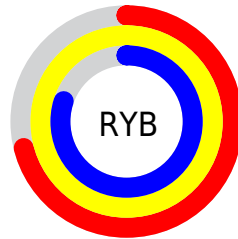
The CIELCh color **97, 38.940, 121.407** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78, 40.662, 304.622**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **77, 37.948, 120.916** is the 20% darker color. If you saturate the color by 10%, you get **96, 51.256, 120.529**, and if you desaturate by 10%, it is **98, 25.293, 121.658**.

Distribution



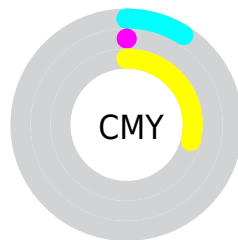
- Red (91%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (80%)



- Cyan (9%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 38.940, 121.407 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, 38.940, 121.407 by changing the saturation by 10% instead.


 97, 38.940,
121.407

 97, 38.940,
121.407

 100, 38.940,
121.407

 87, 38.940,
121.407

 77, 38.940,
121.407

 67, 38.940,
121.407

 57, 38.940,
121.407

 47, 38.940,
121.407

 37, 38.940,
121.407

 27, 38.940,

121.407

■ 17, 38.940,
121.407

■ 7, 38.940, 121.407

■ 97, 38.940,
121.407

■ 97, 38.940,
121.407

■ 96, 51.256,
120.529

■ 98, 25.293,
121.658

■ 95, 63.595,
120.034

■ 99, 12.033,
122.231

■ 94, 75.106,
119.657

100, 0.012,
296.813

■ 93, 85.326,
119.484

■ 93, 93.667,
119.627

■ 92, 99.567,
120.201

■ 92, 102.943,
121.241

■ 92, 103.205,
121.347

Harmonies

Complementary

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



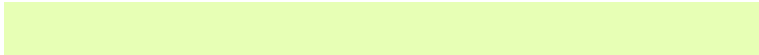
97, 38.940, 121.407



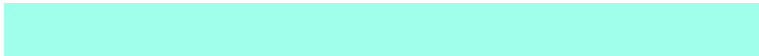
78, 40.662, 304.622

Rectangle

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



97, 38.940, 121.407



97, 38.940, 171.407



97, 38.940, 301.407



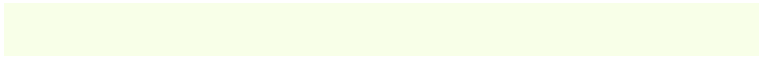
97, 38.940, 351.407

Sweetspot

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



97, 38.416, 121.083



99, 11.956, 122.234



86, 23.569, 51.642



53, 8.309, 122.151



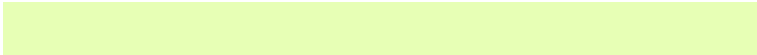
0, 0.000, 0.000



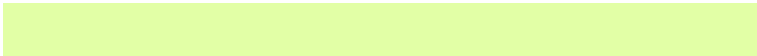
53, 0.007, 296.813

Same Dimension

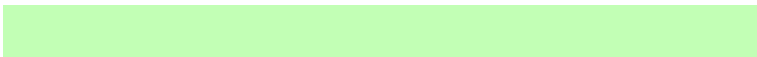
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 38.416, 121.083



96, 46.092, 120.749



94, 43.778, 137.732



53, 7.553, 122.205



71, 82.978, 121.085



24, 37.206, 119.652

Inverse Universe

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



78, 40.662, 304.622



74, 49.450, 305.092



81, 44.307, 320.621



49, 7.694, 303.267



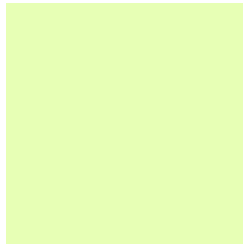
26, 104.171, 308.638



5, 44.796, 308.295

Previews

White Background



This preview shows how the CIELCh color 97, 38.940, 121.407 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, 38.940, 121.407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

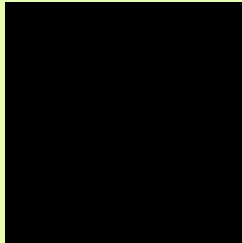
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

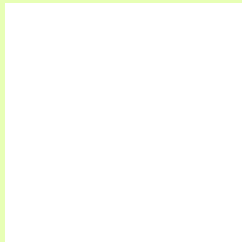
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 38.940, 121.407

Background



This preview shows how black text looks on a background with the CIELCh color 97, 38.940, 121.407.

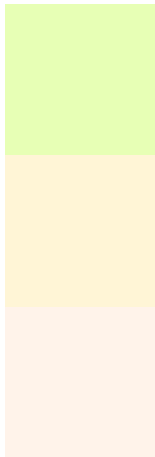


This preview shows how white text looks on a background with the CIELCh color 97, 38.940, 121.407.

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



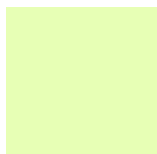
Original Color
97, 38.364, 121.072

Protanopia
97, 16.211, 95.699

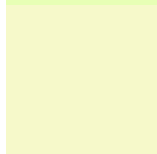
Deuteranopia
97, 6.289, 66.326

Tritanopia
97, 5.131, 286.724

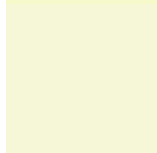
Trichromacy



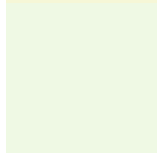
Original Color
97, 38.364, 121.072



Protanomaly
97, 23.871, 111.038

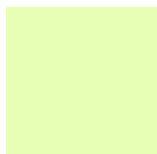


Deuteranomaly
96, 16.291, 110.212

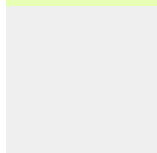


Tritanomaly
97, 11.317, 127.862

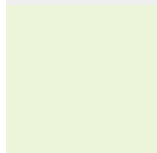
Monochromacy



Original Color
97, 38.364, 121.072



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 14.195, 122.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 38.940, 121.407 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(231, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 181)  
}
```

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(231, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 38.940, 121.407 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(231, 255, 181) }
```

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

```
.border{ border-color:rgb(231, 255, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 38.940, 121.407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 181) }
```

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

```
.background{ background-color: rgb(231,  
255, 181) }
```

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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