

Converting Colors

CIELCh(97, 39.021, 118.412)

Have a look what the booklet for
CIELCh(97, 39.021, 118.412)
contains.

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Color

CIElCh(97, 38.973, 118.556)

Conversions

Conversions Part 1

Format	Color
Hex	EBFFB3
RGB	235, 255, 179
RGB Percent	92%, 100%, 70%
CMY	0.0784, 0.0000, 0.2980
CMYK	0.08, 0.00, 0.30, 0.00
HSL	76°, 100%, 85%
HSV	76°, 30%, 100%
XYZ	78.1606, 92.4403, 56.3730
YIQ	240.3560, 12.4760, -27.8760

Conversions

Conversions Part 2

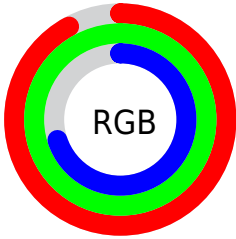
Format	Color
RYB	179, 255, 199
Decimal	15466419
CIELab	97.00, -18.63, 34.23
CIELCh	97, 38.973, 118.556
Yxy	92.4403, 0.3444, 0.4073
Android (android.graphics.Color)	4293656499 (0xFFEBFFB3)
YUV	240.3560, -30.2485, -4.6972
Hunter-Lab	96.1459, -23.1459, 32.5387

Details

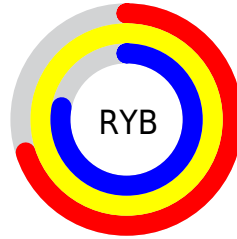
The CIELCh color **97, 38.973, 118.556** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77, 41.515, 302.613**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 10.124, 109.411**, and **77, 38.642, 118.793** is the 20% darker color. If you saturate the color by 10%, you get **96, 51.615, 117.951**, and if you desaturate by 10%, it is **98, 26.015, 119.183**.

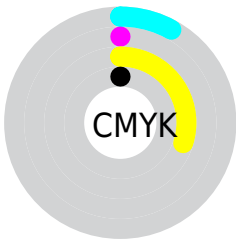
Distribution



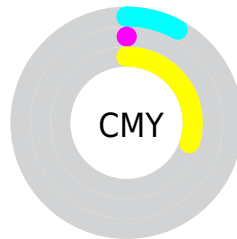
- Red (92%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 38.973, 118.556 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, 38.973, 118.556 by changing the saturation by 10% instead.

97, 38.973,
118.556

97, 38.973,
118.556

100, 38.973,
118.556

87, 38.973,
118.556

77, 38.973,
118.556

67, 38.973,
118.556

57, 38.973,
118.556

47, 38.973,
118.556

37, 38.973,
118.556

27, 38.973,

118.556

■ 17, 38.973,
118.556

■ 7, 38.973, 118.556

■ 97, 38.973,
118.556

■ 97, 38.973,
118.556

■ 96, 51.615,
117.951

■ 98, 26.015,
119.183

■ 95, 63.727,
117.410

■ 99, 12.900,
119.812

■ 95, 74.967,
116.991

100, 0.012,
296.813

■ 94, 84.857,
116.774

■ 94, 92.799,
116.864

■ 93, 98.242,
117.365

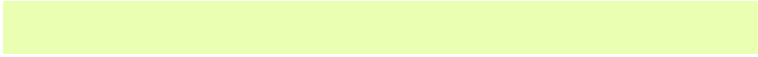
■ 93, 101.210,
118.292

■ 93, 101.260,
118.312

Harmonies

Complementary

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



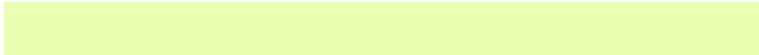
97, 38.973, 118.556



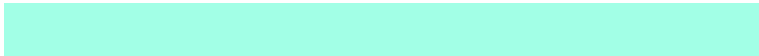
77, 41.515, 302.613

Rectangle

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



97, 38.973, 118.556



97, 38.973, 168.556



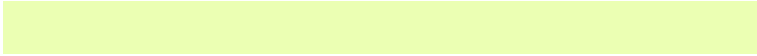
97, 38.973, 298.556



97, 38.973, 348.556

Sweetspot

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



97, 38.970, 118.555



99, 11.845, 119.862



84, 24.769, 44.378



53, 8.231, 119.772



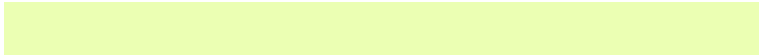
0, 0.000, 0.000



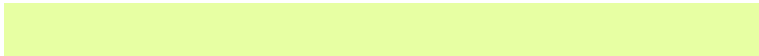
53, 0.007, 296.813

Same Dimension

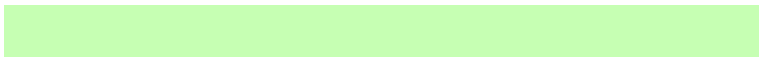
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 38.970, 118.555



96, 46.857, 118.175



95, 43.971, 135.789



53, 7.483, 119.831



72, 81.452, 118.079



24, 36.652, 116.819

Inverse Universe

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



77, 41.515, 302.613



72, 50.699, 303.183



80, 44.766, 318.594



49, 7.633, 301.015



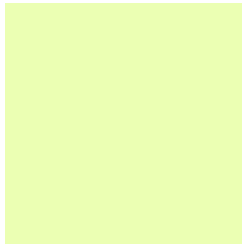
25, 105.253, 307.859



4, 44.684, 306.867

Previews

White Background



This preview shows how the CIE LCh color 97, 38.973, 118.556 looks on a white background.

Color Contrast Check

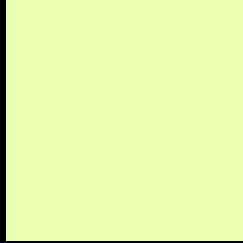
Large Text (above 18pt) WCAG AA × Fail

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, 38.973, 118.556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

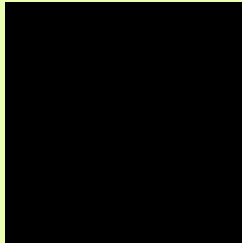
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

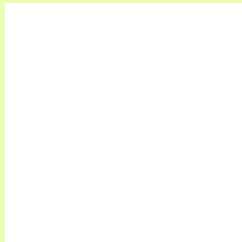
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 38.973, 118.556

Background



This preview shows how black text looks on a background with the CIELCh color 97, 38.973, 118.556.

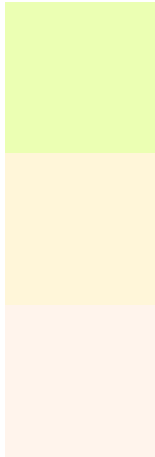


This preview shows how white text looks on a background with the CIELCh color 97, 38.973, 118.556.

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, 38.973, 118.556

Protanopia
97, 15.122, 96.315

Deuteranopia
97, 5.660, 65.525

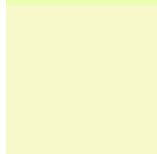


Tritanopia
97, 5.141, 294.439

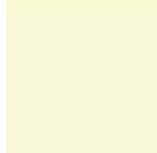
Trichromacy



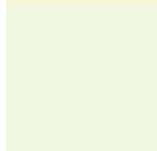
Original Color
97, 38.973, 118.556



Protanomaly
97, 23.338, 109.297



Deuteranomaly
97, 16.778, 108.882

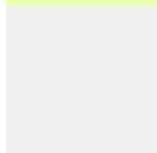


Tritanomaly
97, 11.501, 121.997

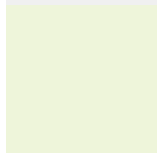
Monochromacy



Original Color
97, 38.973, 118.556



Achromatopsia
95, 0.011, 296.813



Achromatomaly
95, 14.033, 119.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 38.973, 118.556 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(235, 255, 179)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 179)  
}
```

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(235, 255, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 38.973, 118.556 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(235, 255, 179) }
```

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

```
.border{ border-color:rgb(235, 255, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 255, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 179);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 38.973, 118.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 179) }
```

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

```
.background{ background-color: rgb(235,  
255, 179) }
```

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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