

Converting Colors

CIELCh(97, 38.506, 119.438)

Have a look what the booklet for
CIELCh(97, 38.506, 119.438)
contains.

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Color

CIELCh(97, 38.574, 119.268)

Conversions

Conversions Part 1

Format	Color
Hex	EAFFB4
RGB	234, 255, 180
RGB Percent	92%, 100%, 71%
CMY	0.0817, 0.0000, 0.2935
CMYK	0.08, 0.00, 0.29, 0.00
HSL	77°, 100%, 85%
HSV	77°, 29%, 100%
XYZ	78.0461, 92.4403, 56.9884
YIQ	240.1710, 11.5590, -27.7770

Conversions

Conversions Part 2

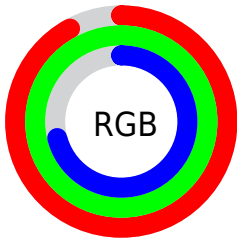
Format	Color
RYB	180, 255, 201
Decimal	15400884
CIELab	97.00, -18.86, 33.65
CIElCh	97, 38.574, 119.268
Yxy	92.4403, 0.3431, 0.4064
Android (android.graphics.Color)	4293590964 (0xFFEAFB4)
YUV	240.1710, -29.6643, -5.4120
Hunter-Lab	96.1459, -23.3585, 32.1593

Details

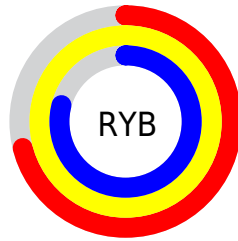
The CIELCh color **97, 38.574, 119.268** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77, 40.912, 303.090**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.618, 109.449**, and **77, 38.147, 118.983** is the 20% darker color. If you saturate the color by 10%, you get **96, 51.190, 118.618**, and if you desaturate by 10%, it is **98, 25.488, 119.824**.

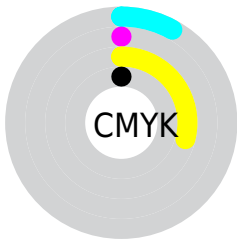
Distribution



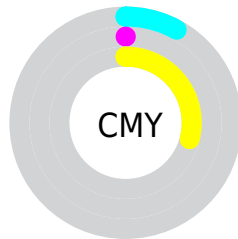
- Red (92%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (79%)



- Cyan (8%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 38.574, 119.268 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, 38.574, 119.268 by changing the saturation by 10% instead.

97, 38.574,
119.268

97, 38.574,
119.268

100, 38.574,
119.268

87, 38.574,
119.268

77, 38.574,
119.268

67, 38.574,
119.268

57, 38.574,
119.268

47, 38.574,
119.268

37, 38.574,
119.268

27, 38.574,

119.268

■ 17, 38.574,
119.268

■ 7, 38.574, 119.268

■ 97, 38.574,
119.268

■ 97, 38.574,
119.268

■ 96, 51.190,
118.618

■ 98, 25.488,
119.824

■ 95, 63.373,
118.088

■ 99, 12.336,
120.438

■ 95, 74.707,
117.677

100, 0.012,
296.813

■ 94, 84.720,
117.467

■ 93, 92.819,
117.564

■ 93, 98.445,
118.076

■ 92, 101.557,
119.029

■ 92, 101.723,
119.095

Harmonies

Complementary

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



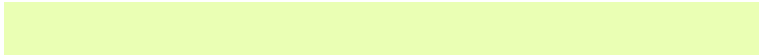
97, 38.574, 119.268



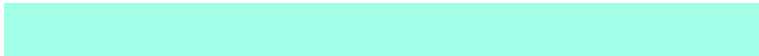
77, 40.912, 303.090

Rectangle

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



97, 38.574, 119.268



97, 38.574, 169.268



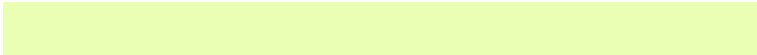
97, 38.574, 299.268



97, 38.574, 349.268

Sweetspot

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



97, 38.488, 119.209



99, 11.871, 120.459



85, 24.185, 46.165



53, 8.249, 120.370



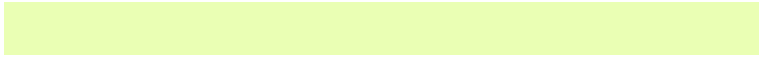
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

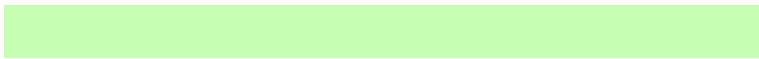
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 38.488, 119.209



96, 45.710, 118.871



95, 43.536, 136.301



53, 7.499, 120.428



71, 81.815, 118.855



24, 36.782, 117.545

Inverse Universe

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



77, 40.912, 303.090



73, 49.262, 303.588



81, 44.249, 319.094



49, 7.647, 301.580



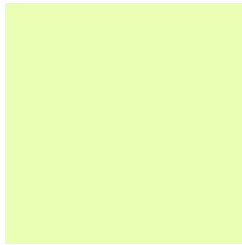
25, 104.997, 308.037



4, 44.713, 307.212

Previews

White Background



This preview shows how the CIELCh color 97, 38.574, 119.268 looks on a white background.

Color Contrast Check

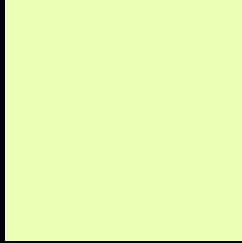
Large Text (above 18pt) WCAG AA × Fail

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, 38.574, 119.268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

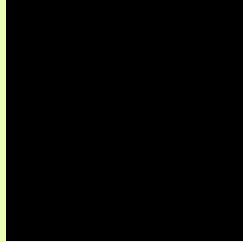
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

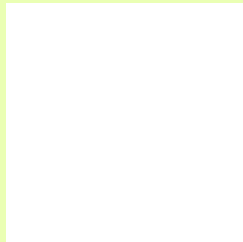
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 38.574, 119.268

Background



This preview shows how black text looks on a background with the CIELCh color 97, 38.574, 119.268.

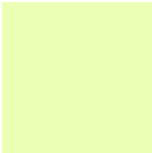
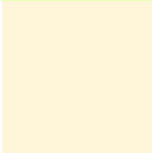
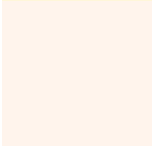


This preview shows how white text looks on a background with the CIELCh color 97, 38.574, 119.268.

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, 38.574, 119.268
	Protanopia 97, 15.122, 96.315
	Deuteranopia 97, 5.660, 65.525

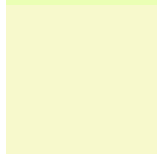


Tritanopia
97, 5.141, 294.439

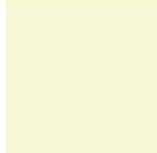
Trichromacy



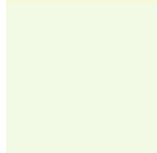
Original Color
97, 38.574, 119.268



Protanomaly
97, 22.847, 110.293



Deuteranomaly
97, 16.279, 110.217

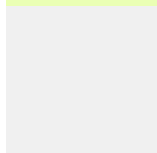


Tritanomaly
97, 11.005, 122.597

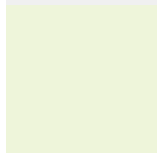
Monochromacy



Original Color
97, 38.574, 119.268



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, 38.574, 119.268 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(234, 255, 180)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 180)  
}
```

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(234, 255, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 38.574, 119.268 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(234, 255, 180) }
```

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

```
.border{ border-color:rgb(234, 255, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 255, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 180);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 38.574, 119.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 180) }
```

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

```
.background{ background-color: rgb(234,  
255, 180) }
```

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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