

Converting Colors

CIELCh(97, 39.515, 120.329)

Have a look what the booklet for
CIELCh(97, 39.515, 120.329)
contains.

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Color

CIElCh(97, 39.230, 120.159)

Conversions

Conversions Part 1

Format	Color
Hex	E9FFB4
RGB	233, 255, 180
RGB Percent	91%, 100%, 71%
CMY	0.0878, 0.0000, 0.2958
CMYK	0.09, 0.00, 0.30, 0.00
HSL	78°, 100%, 85%
HSV	78°, 30%, 100%
XYZ	77.6216, 92.4403, 56.7026
YIQ	239.8720, 10.9630, -27.9890

Conversions

Conversions Part 2

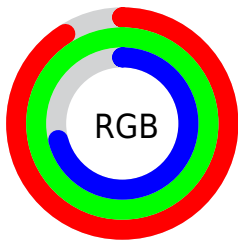
Format	Color
RYB	180, 255, 202
Decimal	15335348
CIELab	97.00, -19.71, 33.92
CIElCh	97, 39.230, 120.159
Yxy	92.4403, 0.3423, 0.4076
Android (android.graphics.Color)	4293525428 (0xFFE9FFB4)
YUV	239.8720, -29.5169, -6.0267
Hunter-Lab	96.1459, -24.1467, 32.3355

Details

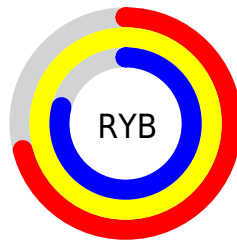
The CIELCh color **97, 39.230, 120.159** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77, 41.314, 303.731**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.618, 109.449**, and **77, 38.241, 119.561** is the 20% darker color. If you saturate the color by 10%, you get **96, 51.643, 119.370**, and if you desaturate by 10%, it is **98, 25.860, 120.542**.

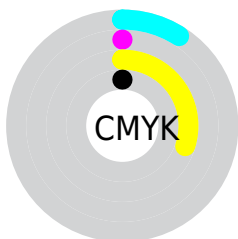
Distribution



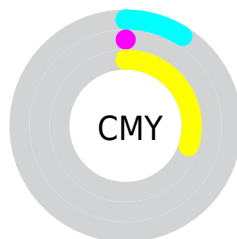
- Red (91%)
- Green (100%)
- Blue (71%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 39.230, 120.159 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, 39.230, 120.159 by changing the saturation by 10% instead.

97, 39.230,
120.159

97, 39.230,
120.159

100, 39.230,
120.159

87, 39.230,
120.159

77, 39.230,
120.159

67, 39.230,
120.159

57, 39.230,
120.159

47, 39.230,
120.159

37, 39.230,
120.159

27, 39.230,

120.159

■ 17, 39.230,
120.159

■ 7, 39.230, 120.159

■ 97, 39.230,
120.159

■ 97, 39.230,
120.159

■ 96, 51.643,
119.370

■ 98, 25.860,
120.542

■ 95, 63.863,
118.858

■ 99, 12.670,
121.139

■ 94, 75.230,
118.467

100, 0.012,
296.813

■ 94, 85.269,
118.283

■ 93, 93.388,
118.413

■ 93, 99.031,
118.969

■ 92, 102.190,
119.971

■ 92, 102.302,
120.016

Harmonies

Complementary

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



97, 39.230, 120.159



77, 41.314, 303.731

Rectangle

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



97, 39.230, 120.159



97, 39.230, 170.159



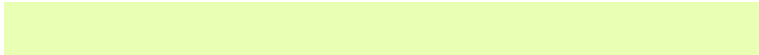
97, 39.230, 300.159



97, 39.230, 350.159

Sweetspot

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



97, 38.901, 119.944



99, 11.904, 121.173



85, 24.251, 47.959



53, 8.272, 121.087



0, 0.000, 0.000



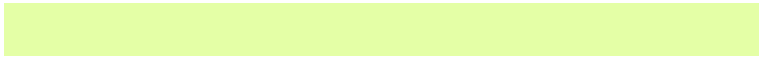
53, 0.007, 296.813

Same Dimension

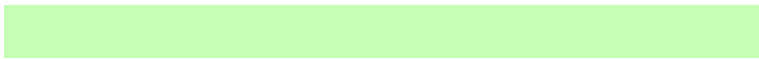
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 38.901, 119.944



96, 45.857, 119.628



95, 44.097, 136.765



53, 7.520, 121.143



71, 82.269, 119.766



24, 36.946, 118.402

Inverse Universe

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



77, 41.314, 303.731



73, 49.334, 304.189



81, 44.761, 319.620



49, 7.665, 302.257



26, 104.677, 308.265



5, 44.748, 307.637

Previews

White Background



This preview shows how the CIELCh color 97, 39.230, 120.159 looks on a white background.

Color Contrast Check

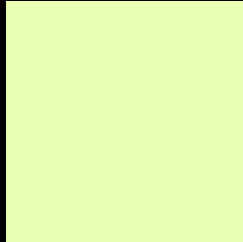
Large Text (above 18pt) WCAG AA × Fail

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, 39.230, 120.159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

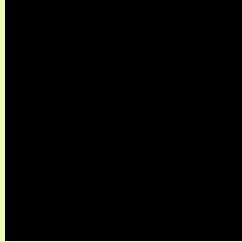
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

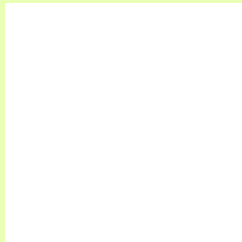
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 39.230, 120.159

Background



This preview shows how black text looks on a background with the CIELCh color 97, 39.230, 120.159.

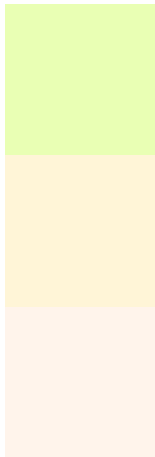


This preview shows how white text looks on a background with the CIELCh color 97, 39.230, 120.159.

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, 38.660, 119.808

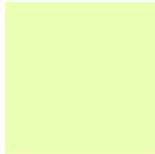
Protanopia
97, 15.715, 95.332

Deuteranopia
97, 6.040, 68.836

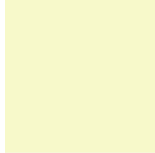


Tritanopia
97, 5.124, 290.582

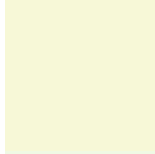
Trichromacy



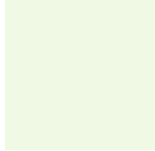
Original Color
97, 38.660, 119.808



Protanomaly
97, 23.853, 110.140

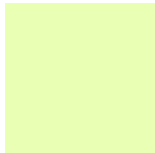


Deuteranomaly
97, 16.786, 110.140

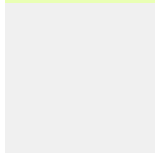


Tritanomaly
97, 11.202, 126.143

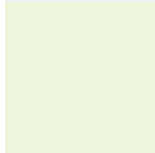
Monochromacy



Original Color
97, 38.660, 119.808



Achromatopsia
95, 0.011, 296.813



Achromatomaly
95, 14.109, 121.029

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 39.230, 120.159 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(233, 255, 180)` looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 255, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 255, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 39.230, 120.159 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(233, 255, 180) }
```

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

```
.border{ border-color:rgb(233, 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(233, 255, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 255, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 255, 180);  
box-shadow:4px 4px 4px 4px rgb(233, 255,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 39.230, 120.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 255, 180) }
```

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

```
.background{ background-color: rgb(233,  
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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