

Converting Colors

CIELCh(97, 34.162, 126.881)

Have a look what the booklet for
CIELCh(97, 34.162, 126.881)
contains.

CIELCh(97, 33.200, 126.778)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(97, 33.200, 126.778)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFC2
RGB	227, 255, 194
RGB Percent	89%, 100%, 76%
CMY	0.1096, 0.0000, 0.2391
CMYK	0.11, 0.00, 0.24, 0.00
HSL	87°, 100%, 88%
HSV	87°, 24%, 100%
XYZ	77.5378, 92.4403, 64.8074
YIQ	239.6740, 2.8930, -24.9070

Conversions

Conversions Part 2

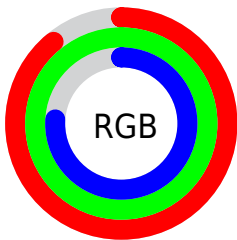
Format	Color
RYB	194, 255, 222
Decimal	14942146
CIELab	97.00, -19.88, 26.59
CIELCh	97, 33.200, 126.778
Yxy	92.4403, 0.3302, 0.3937
Android (android.graphics.Color)	4293132226 (0xFFE3FFC2)
YUV	239.6740, -22.5173, -11.1151
Hunter-Lab	96.1459, -24.3022, 27.3375

Details

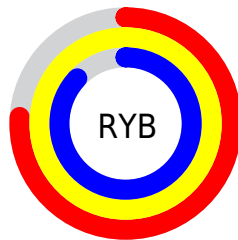
The CIELCh color **97, 33.200, 126.778** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 33.791, 308.811**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **77, 32.510, 126.469** is the 20% darker color. If you saturate the color by 10%, you get **96, 46.024, 125.954**, and if you desaturate by 10%, it is **98, 18.973, 126.952**.

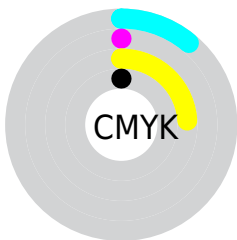
Distribution



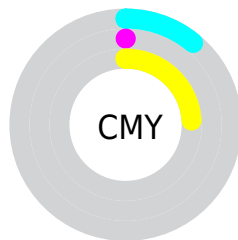
- Red (89%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (87%)



- Cyan (11%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 33.200, 126.778 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, 33.200, 126.778 by changing the saturation by 10% instead.

97, 33.200,
126.778

97, 33.200,
126.778

100, 33.200,
126.778

87, 33.200,
126.778

77, 33.200,
126.778

67, 33.200,
126.778

57, 33.200,
126.778

47, 33.200,
126.778

37, 33.200,
126.778

27, 33.200,

126.778

■ 17, 33.200,
126.778

■ 7, 33.200, 126.778

■ 97, 33.200,
126.778

■ 97, 33.200,
126.778

■ 96, 46.024,
125.954

■ 98, 18.973,
126.952

■ 94, 59.112,
125.481

■ 99, 5.321, 127.444

■ 93, 71.576,
125.084

100, 0.012,
296.813

■ 93, 83.026,
124.841

■ 92, 92.933,
124.859

■ 91, 100.691,
125.268

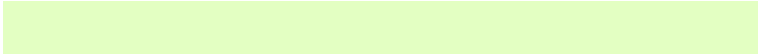
■ 91, 105.859,
126.176

■ 90, 107.936,
126.923

Harmonies

Complementary

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



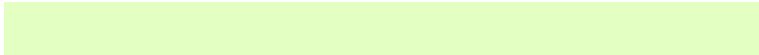
97, 33.200, 126.778



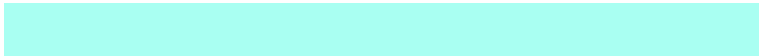
83, 33.791, 308.811

Rectangle

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



97, 33.200, 126.778



97, 33.200, 176.778



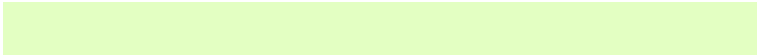
97, 33.200, 306.778



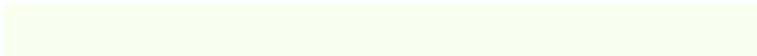
97, 33.200, 356.778

Sweetspot

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



97, 32.583, 126.454



99, 9.535, 127.290



90, 19.266, 67.032



53, 6.196, 127.260



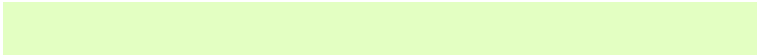
0, 0.000, 0.000



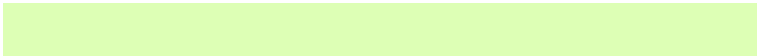
53, 0.007, 296.813

Same Dimension

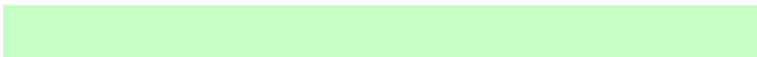
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 32.583, 126.454



96, 39.452, 126.198



95, 37.610, 141.607



53, 7.749, 127.168



70, 86.707, 126.636



24, 38.627, 125.066

Inverse Universe

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



83, 33.791, 308.811



79, 41.263, 309.104



85, 37.712, 324.332



49, 7.866, 308.039



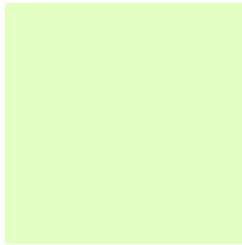
29, 101.436, 310.964



6, 44.922, 311.740

Previews

White Background



This preview shows how the CIELCh color 97, 33.200, 126.778 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, 33.200, 126.778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

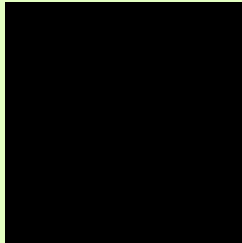
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

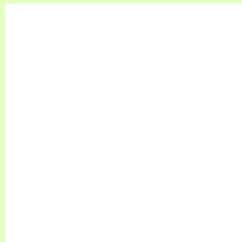
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 33.200, 126.778

Background



This preview shows how black text looks on a background with the CIELCh color 97, 33.200, 126.778.

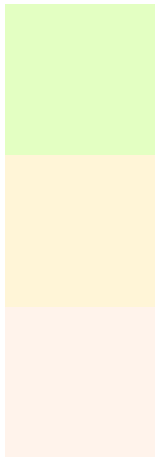


This preview shows how white text looks on a background with the CIELCh color 97, 33.200, 126.778.

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, 32.601, 126.480

Protanopia
97, 15.715, 95.332

Deuteranopia
97, 5.923, 63.002

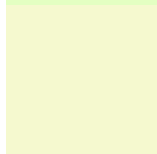


Tritanopia
97, 5.212, 279.141

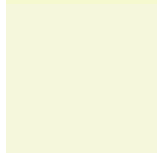
Trichromacy



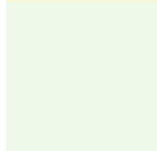
Original Color
97, 32.601, 126.480



Protanomaly
97, 21.382, 112.525

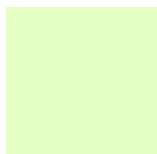


Deuteranomaly
96, 13.772, 112.156

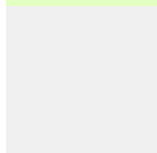


Tritanomaly
97, 9.250, 137.038

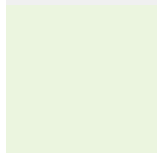
Monochromacy



Original Color
97, 32.601, 126.480



Achromatopsia
95, 0.011, 296.813



Achromatomaly
95, 11.837, 127.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 33.200, 126.778 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(227, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 194)  
}
```

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(227, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 33.200, 126.778 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(227, 255, 194) }
```

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

```
.border{ border-color:rgb(227, 255, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 255, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 255, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 255, 194); box-shadow:4px 4px 4px 4px rgb(227, 255, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 33.200, 126.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 194) }
```

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

```
.background{ background-color: rgb(227,  
255, 194) }
```

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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