

Converting Colors

CIELCh(97, 31.082, 129.122)

Have a look what the booklet for
CIELCh(97, 31.082, 129.122)
contains.

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Color

CIElCh(97, 30.369, 128.687)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFC8
RGB	227, 255, 200
RGB Percent	89%, 100%, 78%
CMY	0.1109, 0.0000, 0.2168
CMYK	0.11, 0.00, 0.22, 0.00
HSL	91°, 100%, 89%
HSV	91°, 22%, 100%
XYZ	77.9841, 92.4403, 68.2010
YIQ	240.3580, 0.9670, -23.0410

Conversions

Conversions Part 2

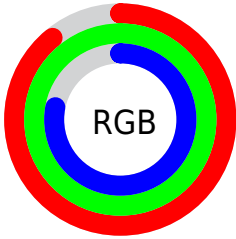
Format	Color
R _Y B	200, 255, 228
Decimal	14942152
CIE Lab	97.00, -18.98, 23.71
CIE LCh	97, 30.369, 128.687
Yxy	92.4403, 0.3268, 0.3874
Android (android.graphics.Color)	4293132232 (0xFFE3FFC8)
YUV	240.3580, -19.8965, -11.7150
Hunter-Lab	96.1459, -23.4735, 25.2448

Details

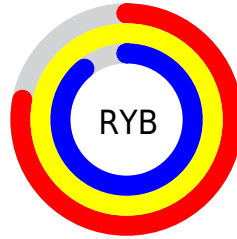
The CIELCh color **97, 30.369, 128.687** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84, 30.820, 310.481**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 29.567, 128.543** is the 20% darker color. If you saturate the color by 10%, you get **96, 43.623, 127.977**, and if you desaturate by 10%, it is **98, 16.119, 128.950**.

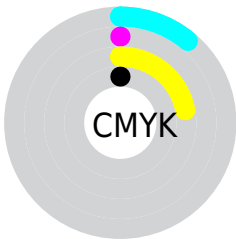
Distribution



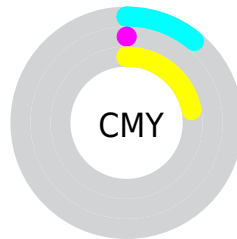
- Red (89%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (89%)



- Cyan (11%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)




- Cyan (11%)
- Magenta (0%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 30.369, 128.687 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, 30.369, 128.687 by changing the saturation by 10% instead.


 97, 30.369,
128.687

 97, 30.369,
128.687

 100, 30.369,
128.687


 87, 30.369,
128.687

 77, 30.369,
128.687

 67, 30.369,
128.687

 57, 30.369,
128.687

 47, 30.369,
128.687

 37, 30.369,
128.687

 27, 30.369,

128.687

■ 17, 30.369,
128.687

■ 7, 30.369, 128.687

■ 97, 30.369,
128.687

■ 97, 30.369,
128.687

■ 96, 43.623,
127.977

■ 98, 16.119,
128.950

■ 94, 57.015,
127.498

■ 100, 2.303,
129.454

■ 93, 69.856,
127.075

■ 100, 0.012,
296.813

■ 92, 81.781,
126.777

■ 92, 92.286,
126.709

■ 91, 100.768,
126.999

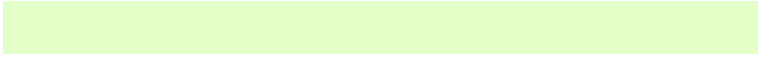
■ 90, 106.710,
127.766

■ 90, 109.840,
128.735

Harmonies

Complementary

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



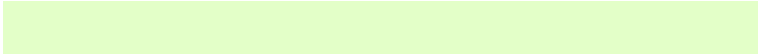
97, 30.369, 128.687



84, 30.820, 310.481

Rectangle

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



97, 30.369, 128.687



97, 30.369, 178.687



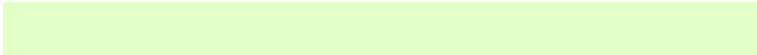
97, 30.369, 308.687



97, 30.369, 358.687

Sweetspot

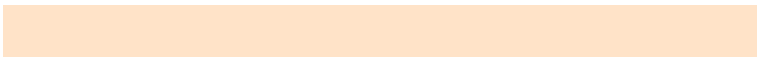
The Sweet Spot groups the original color and five complimentary colors.



97, 29.933, 128.469



99, 9.648, 129.171



92, 17.765, 72.700



53, 6.270, 129.142



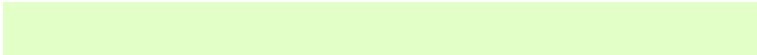
0, 0.000, 0.000



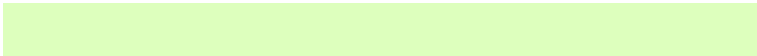
53, 0.007, 296.813

Same Dimension

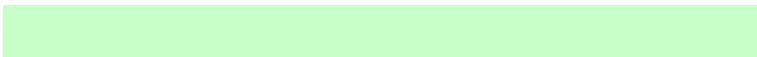
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 29.933, 128.469



96, 35.871, 128.257



95, 34.654, 143.017



53, 7.842, 129.053



69, 88.220, 128.452



23, 39.234, 126.912

Inverse Universe

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



84, 30.820, 310.481



81, 37.163, 310.706



87, 34.674, 325.630



49, 7.949, 309.877



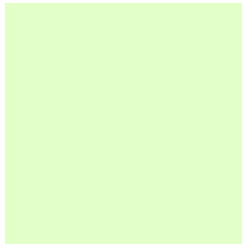
30, 100.288, 312.130



6, 44.888, 313.189

Previews

White Background



This preview shows how the CIELCh color 97, 30.369, 128.687 looks on a white background.

Color Contrast Check

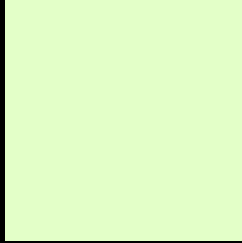
Large Text (above 18pt) WCAG AA × Fail

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, 30.369, 128.687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

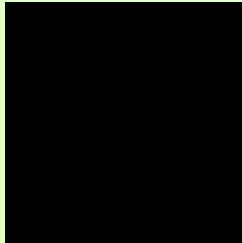
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

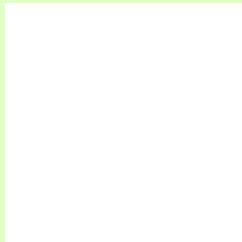
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 30.369, 128.687

Background



This preview shows how black text looks on a background with the CIELCh color 97, 30.369, 128.687.

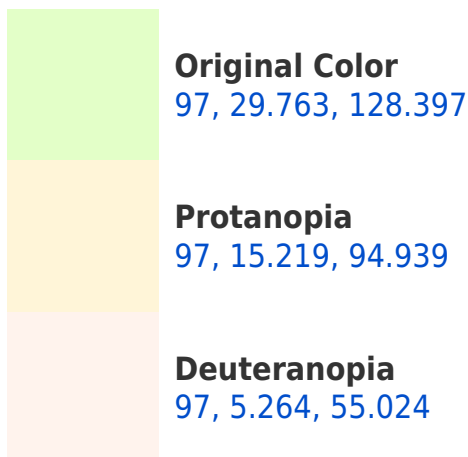


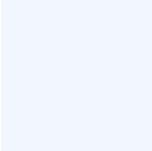
This preview shows how white text looks on a background with the CIELCh color 97, 30.369, 128.687.

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



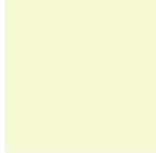


Tritanopia
97, 4.894, 269.947

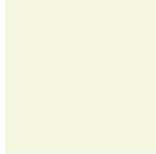
Trichromacy



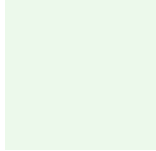
Original Color
97, 29.763, 128.397



Protanomaly
97, 19.871, 112.929

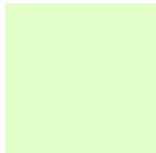


Deuteranomaly
97, 12.250, 112.637

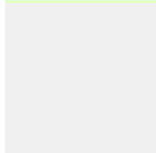


Tritanomaly
97, 8.545, 142.250

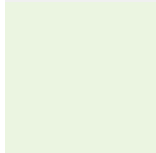
Monochromacy



Original Color
97, 29.763, 128.397



Achromatopsia
95, 0.011, 296.813



Achromatomaly
95, 10.868, 128.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 30.369, 128.687 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 30.369, 128.687 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, 200) }
```

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

```
.border{ border-color:rgb(227, 255, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 200);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 30.369, 128.687 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, 200) }
```

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

```
.background{ background-color: rgb(227,  
255, 200) }
```

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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