

Converting Colors

CIELCh(100, 37.111, 132.624)

Have a look what the booklet for
CIELCh(100, 37.111, 132.624)
contains.

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Color

CIElCh(97, 29.571, 130.035)

Conversions

Conversions Part 1

Format	Color
Hex	E2FFCA
RGB	226, 255, 202
RGB Percent	89%, 100%, 79%
CMY	0.1145, 0.0000, 0.2087
CMYK	0.11, 0.00, 0.21, 0.00
HSL	93°, 100%, 90%
HSV	93°, 21%, 100%
XYZ	77.9646, 92.4403, 69.4812
YIQ	240.2870, -0.2710, -22.6310

Conversions

Conversions Part 2

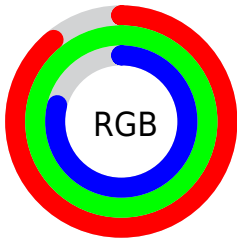
Format	Color
RYB	202, 255, 231
Decimal	14876618
CIELab	97.00, -19.02, 22.64
CIELCh	97, 29.571, 130.035
Yxy	92.4403, 0.3250, 0.3854
Android (android.graphics.Color)	4293066698 (0xFFE2FFCA)
YUV	240.2870, -18.8755, -12.5297
Hunter-Lab	96.1459, -23.5098, 24.4553

Details

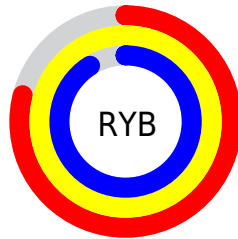
The CIELCh color **97, 29.571, 130.035** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **85, 29.839, 311.689**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 28.740, 130.007** is the 20% darker color. If you saturate the color by 10%, you get **95, 42.936, 129.319**, and if you desaturate by 10%, it is **98, 15.128, 130.285**.

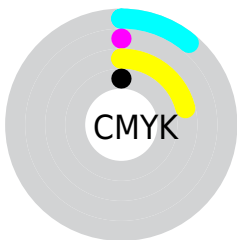
Distribution



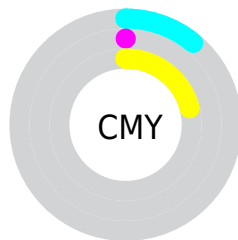
- Red (89%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (91%)



- Cyan (11%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 29.571, 130.035 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, 29.571, 130.035 by changing the saturation by 10% instead.

 97, 29.571,
130.035


 97, 29.571,
130.035

 100, 29.571,
130.035


 87, 29.571,
130.035

 77, 29.571,
130.035

 67, 29.571,
130.035

 57, 29.571,
130.035

 47, 29.571,
130.035

 37, 29.571,
130.035

 27, 29.571,

130.035

■ 17, 29.571,
130.035

■ 7, 29.571, 130.035

■ 97, 29.571,
130.035

■ 97, 29.571,
130.035

■ 95, 42.936,
129.319

■ 98, 15.128,
130.285

■ 94, 56.512,
128.833

■ 100, 1.191,
130.846

■ 93, 69.560,
128.392

■ 100, 0.012,
296.813

■ 92, 81.721,
128.063

■ 91, 92.501,
127.947

■ 91, 101.292,
128.173

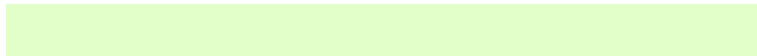
■ 90, 107.557,
128.864

■ 89, 111.142,
129.874

Harmonies

Complementary

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



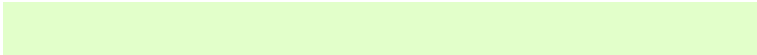
97, 29.571, 130.035



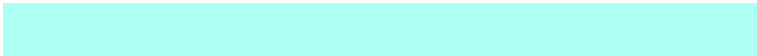
85, 29.839, 311.689

Rectangle

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



97, 29.571, 130.035



97, 29.571, 180.035



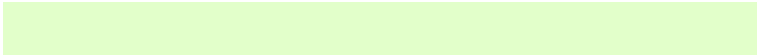
97, 29.571, 310.035



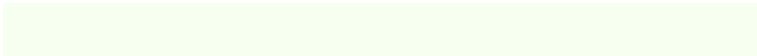
97, 29.571, 0.035

Sweetspot

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



97, 29.084, 129.810



99, 8.339, 130.511



93, 17.412, 76.253



53, 5.533, 130.480



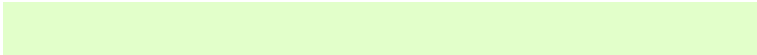
0, 0.000, 0.000



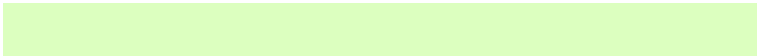
53, 0.007, 296.813

Same Dimension

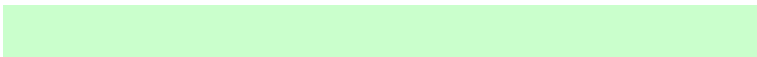
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 29.084, 129.810



96, 34.833, 129.609



95, 32.601, 143.968



52, 7.913, 130.348



69, 89.258, 129.598



23, 39.663, 128.107

Inverse Universe

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



85, 29.839, 311.689



82, 35.927, 311.894



87, 32.628, 326.506



49, 8.012, 311.148



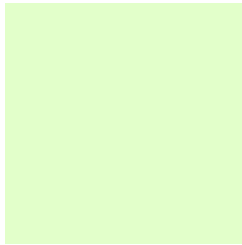
31, 99.484, 313.032



7, 44.823, 314.225

Previews

White Background



This preview shows how the CIE LCh color 97, 29.571, 130.035 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, 29.571, 130.035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

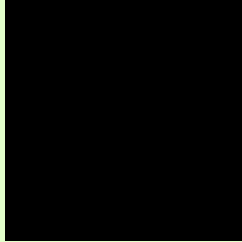
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

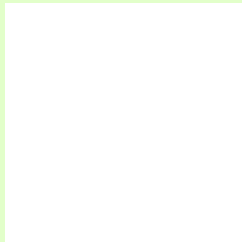
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 29.571, 130.035

Background



This preview shows how black text looks on a background with the CIELCh color 97, 29.571, 130.035.

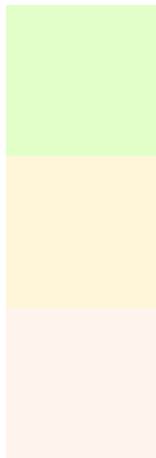


This preview shows how white text looks on a background with the CIELCh color 97, 29.571, 130.035.

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](#).

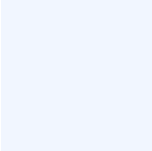
Dichromacy



Original Color
97, 28.961, 129.766

Protanopia
97, 15.219, 94.939

Deuteranopia
97, 5.264, 55.024

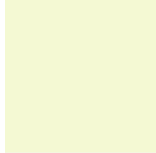


Tritanopia
97, 4.894, 269.947

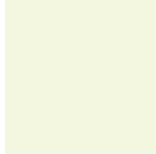
Trichromacy



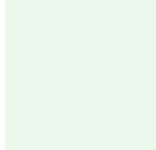
Original Color
97, 28.961, 129.766



Protanomaly
97, 19.403, 114.159

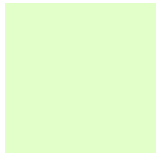


Deuteranomaly
96, 11.775, 114.577

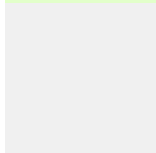


Tritanomaly
97, 8.326, 146.130

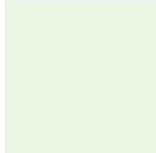
Monochromacy



Original Color
97, 28.961, 129.766



Achromatopsia
95, 0.011, 296.813



Achromatomaly
95, 10.387, 129.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 29.571, 130.035 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(226, 255, 202)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 202)  
}
```

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(226, 255, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 29.571, 130.035 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(226, 255, 202) }
```

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

```
.border{ border-color:rgb(226, 255, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 255, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 29.571, 130.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 202) }
```

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

```
.background{ background-color: rgb(226,  
255, 202) }
```

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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