

Converting Colors

CIELCh(96, 26.516, 126.969)

Have a look what the booklet for
CIELCh(96, 26.516, 126.969)
contains.

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Color

CIElCh(96, 26.348, 127.077)

Conversions

Conversions Part 1

Format	Color
Hex	E4FBCA
RGB	228, 251, 202
RGB Percent	89%, 98%, 79%
CMY	0.1047, 0.0145, 0.2067
CMYK	0.09, 0.00, 0.20, 0.01
HSL	88°, 87%, 89%
HSV	88°, 20%, 99%
XYZ	77.3796, 90.0078, 69.3552
YIQ	238.5370, 2.0210, -20.1150

Conversions

Conversions Part 2

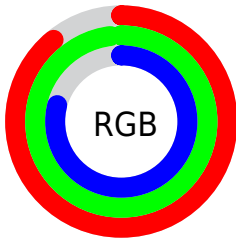
Format	Color
R_{YB}	202, 251, 225
Decimal	15006666
CIE Lab	96.00, -15.88, 21.02
CIE LCh	96, 26.348, 127.077
Yxy	90.0078, 0.3269, 0.3802
Android (android.graphics.Color)	4293196746 (0xFFE4FBCA)
YUV	238.5370, -18.0127, -9.2409
Hunter-Lab	94.8724, -20.4390, 23.0676

Details

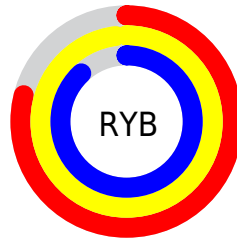
The CIELCh color **96, 26.348, 127.077** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 27.118, 308.945**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 26.003, 127.208** is the 20% darker color. If you saturate the color by 10%, you get **95, 39.765, 126.581**, and if you desaturate by 10%, it is **97, 12.833, 127.568**.

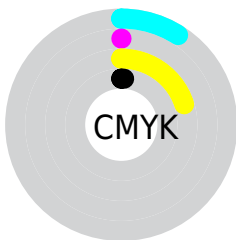
Distribution



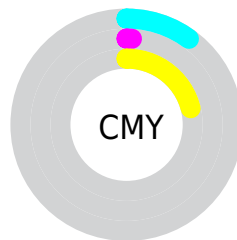
- Red (89%)
- Green (98%)
- Blue (79%)



- Red (79%)
- Yellow (98%)
- Blue (88%)



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)
- Black (1%)





- Cyan (10%)
- Magenta (1%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 26.348, 127.077 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 96, 26.348, 127.077 by changing the saturation by 10% instead.


 96, 26.348,
127.077


 96, 26.348,
127.077


 100, 26.348,
127.077


 86, 26.348,
127.077

 76, 26.348,
127.077

 66, 26.348,
127.077

 56, 26.348,
127.077

 46, 26.348,
127.077

 36, 26.348,
127.077

 26, 26.348,

127.077

■ 16, 26.348,
127.077

■ 6, 26.348, 127.077

■ 96, 26.348,
127.077

■ 96, 26.348,
127.077

■ 95, 39.765,
126.581

■ 97, 12.833,
127.568

■ 94, 52.923,
126.093

■ 99, 0.680, 307.826

■ 99, 2.298, 324.387

■ 93, 65.597,
125.656

■ 92, 77.458,
125.333

■ 91, 88.044,
125.217

■ 90, 96.773,
125.433

■ 90, 103.093,
126.107

■ 89, 106.969,
127.251

■ 89, 107.136,
127.310

Harmonies

Complementary

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



96, 26.348, 127.077



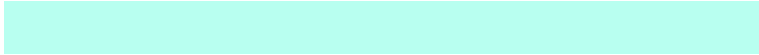
85, 27.118, 308.945

Rectangle

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



96, 26.348, 127.077



96, 26.348, 177.077



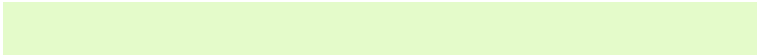
96, 26.348, 307.077



96, 26.348, 357.077

Sweetspot

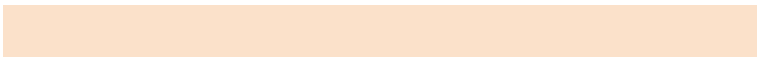
The Sweet Spot groups the original color and five complimentary colors.



96, 26.350, 127.079



99, 8.189, 127.737



91, 15.446, 69.380



53, 5.433, 127.705



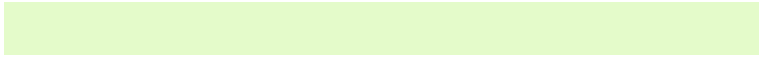
0, 0.000, 0.000



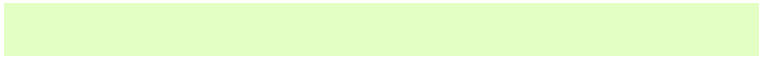
53, 0.007, 296.813

Same Dimension

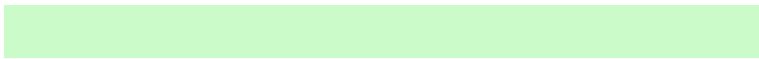
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 26.350, 127.079



97, 31.428, 126.905



94, 30.465, 142.355



52, 7.640, 127.568



69, 86.148, 127.020



23, 37.479, 125.576

Inverse Universe

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



85, 27.118, 308.945



83, 32.519, 309.137



87, 30.523, 324.575



48, 7.753, 308.426



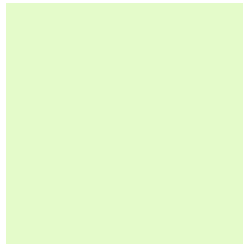
29, 100.178, 311.208



5, 43.212, 311.808

Previews

White Background



This preview shows how the CIELCh color 96, 26.348, 127.077 looks on a white background.

Color Contrast Check

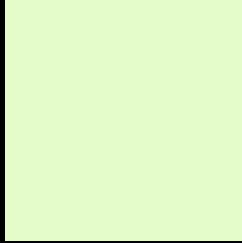
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 96, 26.348, 127.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

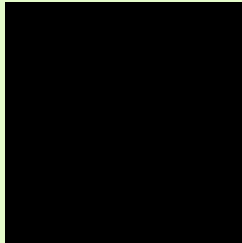
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

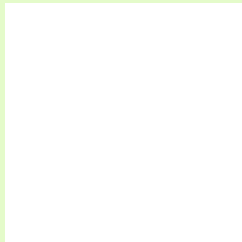
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 26.348, 127.077

Background



This preview shows how black text looks on a background with the CIELCh color 96, 26.348, 127.077.

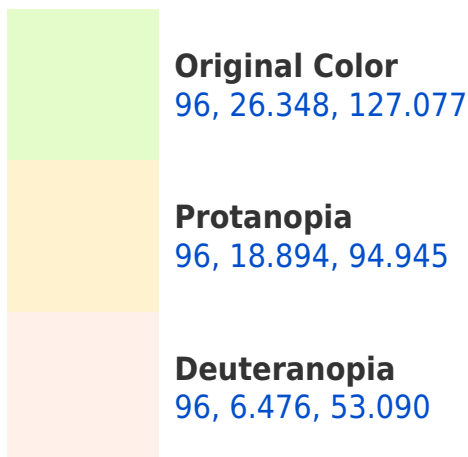


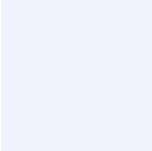
This preview shows how white text looks on a background with the CIELCh color 96, 26.348, 127.077.

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](#).

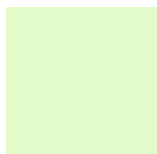
Dichromacy



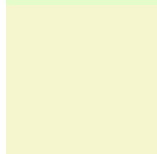


Tritanopia
96, 6.226, 281.124

Trichromacy



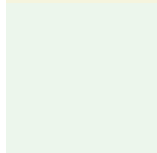
Original Color
96, 26.348, 127.077



Protanomaly
96, 20.864, 109.580

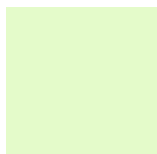


Deuteranomaly
96, 11.231, 107.439

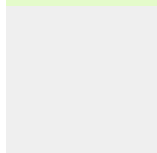


Tritanomaly
96, 6.250, 144.259

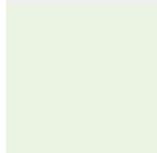
Monochromacy



Original Color
96, 26.348, 127.077



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 9.188, 127.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 26.348, 127.077 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(228, 251, 202)` looks like.

```
.text, #text, p{  
    color:rgb(228, 251, 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(228, 251, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 251, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 26.348, 127.077 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(228, 251, 202) }
```

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

```
.border{ border-color:rgb(228, 251, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 251, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 251, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 251, 202);  
box-shadow:4px 4px 4px 4px rgb(228, 251,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 26.348, 127.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 251, 202) }
```

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

```
.background{ background-color: rgb(228,  
251, 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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