

Converting Colors

CIELCh(96, 26.736, 132.347)

Have a look what the booklet for
CIELCh(96, 26.736, 132.347)
contains.

CIELCh(96, 26.821, 132.474)	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(96, 26.821, 132.474)

Conversions

Conversions Part 1

Format	Color
Hex	DFFDCD
RGB	223, 253, 205
RGB Percent	87%, 99%, 80%
CMY	0.1271, 0.0094, 0.1976
CMYK	0.12, 0.00, 0.19, 0.01
HSL	98°, 91%, 90%
HSV	98°, 19%, 99%
XYZ	76.2780, 90.0078, 70.8633
YIQ	238.5580, -2.4720, -21.2880

Conversions

Conversions Part 2

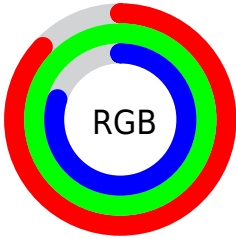
Format	Color
R _Y B	205, 253, 235
Decimal	14679501
CIE Lab	96.00, -18.11, 19.78
CIE LCh	96, 26.821, 132.474
Yxy	90.0078, 0.3216, 0.3795
Android (android.graphics.Color)	4292869581 (0xFFDFFDCD)
YUV	238.5580, -16.5441, -13.6444
Hunter-Lab	94.8724, -22.5116, 22.1251

Details

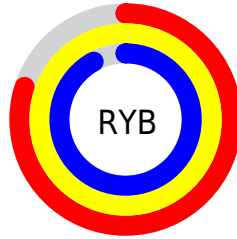
The CIELCh color **96, 26.821, 132.474** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **86, 27.332, 314.128**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 26.531, 132.926** is the 20% darker color. If you saturate the color by 10%, you get **95, 40.915, 131.975**, and if you desaturate by 10%, it is **98, 12.672, 132.948**.

Distribution



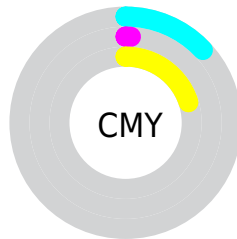
- Red (87%)
- Green (99%)
- Blue (80%)



- Red (80%)
- Yellow (99%)
- Blue (92%)



- Cyan (12%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)





- Cyan (13%)
- Magenta (1%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 26.821, 132.474 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, 26.821, 132.474 by changing the saturation by 10% instead.


 96, 26.821,
132.474

 96, 26.821,
132.474

 100, 26.821,
132.474


 86, 26.821,
132.474

 76, 26.821,
132.474

 66, 26.821,
132.474

 56, 26.821,
132.474

 46, 26.821,
132.474

 36, 26.821,
132.474

 26, 26.821,

132.474

■ 16, 26.821,
132.474

■ 6, 26.821, 132.474

■ 96, 26.821,
132.474

■ 96, 26.821,
132.474

■ 95, 40.915,
131.975

■ 98, 12.672,
132.948

■ 93, 54.775,
131.461

■ 99, 1.357, 314.317
99, 1.499, 324.288

■ 92, 68.158,
130.966

■ 91, 80.717,
130.551

■ 90, 91.975,
130.308

■ 89, 101.332,
130.362

■ 89, 108.206,
130.843

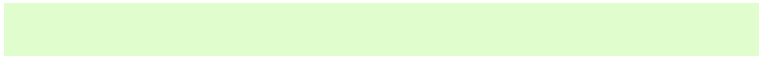
■ 88, 112.456,
131.768

■ 88, 112.811,
131.863

Harmonies

Complementary

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



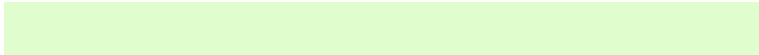
96, 26.821, 132.474



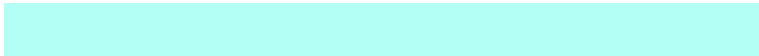
86, 27.332, 314.128

Rectangle

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



96, 26.821, 132.474



96, 26.821, 182.474



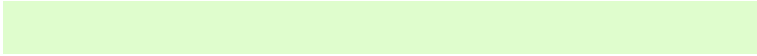
96, 26.821, 312.474



96, 26.821, 2.474

Sweetspot

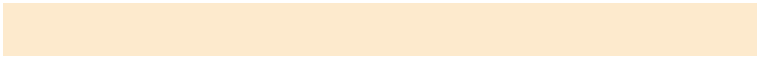
The Sweet Spot groups the original color and five complimentary colors.



96, 26.823, 132.476



99, 8.502, 133.086



94, 16.706, 84.439



53, 5.641, 133.056



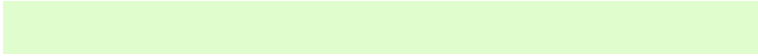
0, 0.000, 0.000



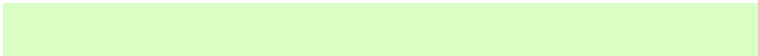
53, 0.007, 296.813

Same Dimension

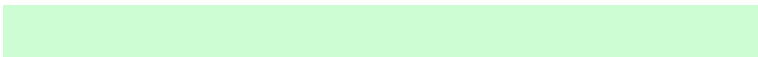
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 26.823, 132.476



96, 32.729, 132.278



95, 27.782, 146.514



52, 8.070, 132.924



69, 91.259, 131.618



23, 40.528, 130.288

Inverse Universe

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



86, 27.332, 314.128



84, 33.481, 314.312



87, 27.836, 328.900



49, 8.154, 313.701



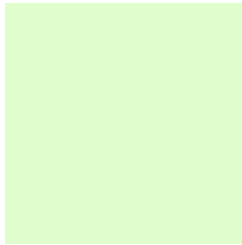
33, 97.891, 315.085



7, 44.555, 316.376

Previews

White Background



This preview shows how the CIE LCh color 96, 26.821, 132.474 looks on a white background.

Color Contrast Check

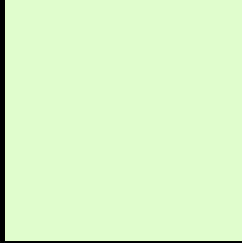
Large Text (above 18pt) WCAG AA × Fail

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, 26.821, 132.474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

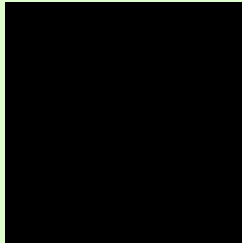
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

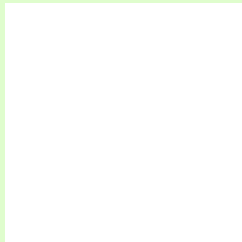
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 26.821, 132.474

Background



This preview shows how black text looks on a background with the CIELCh color 96, 26.821, 132.474.

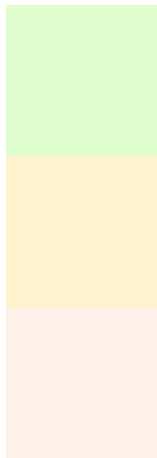


This preview shows how white text looks on a background with the CIELCh color 96, 26.821, 132.474.

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
96, 26.821, 132.474

Protanopia
96, 18.894, 94.945

Deuteranopia
96, 6.476, 53.090

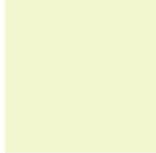


Tritanopia
96, 6.091, 267.411

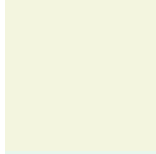
Trichromacy



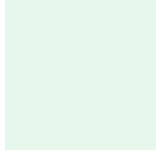
Original Color
96, 26.821, 132.474



Protanomaly
96, 20.392, 111.735



Deuteranomaly
96, 11.252, 113.007

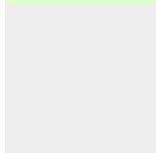


Tritanomaly
96, 7.401, 155.286

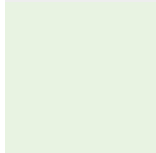
Monochromacy



Original Color
96, 26.821, 132.474



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 9.595, 133.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 26.821, 132.474 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(223, 253, 205)` looks like.

```
.text, #text, p{  
    color:rgb(223, 253, 205)  
}
```

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(223, 253, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 253, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 26.821, 132.474 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(223, 253, 205) }
```

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

```
.border{ border-color:rgb(223, 253, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 253, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 253, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 253, 205);  
box-shadow:4px 4px 4px 4px rgb(223, 253,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 26.821, 132.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 253, 205) }
```

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

```
.background{ background-color: rgb(223,  
253, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor