

Converting Colors

CIELCh(96, 40.501, 125.761)

Have a look what the booklet for
CIELCh(96, 40.501, 125.761)
contains.

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Color

CIElCh(96, 40.427, 125.755)

Conversions

Conversions Part 1

Format	Color
Hex	DDFFB3
RGB	221, 255, 179
RGB Percent	87%, 100%, 70%
CMY	0.1340, 0.0006, 0.2987
CMYK	0.13, 0.00, 0.30, 0.00
HSL	87°, 100%, 85%
HSV	87°, 30%, 100%
XYZ	73.5958, 90.0078, 56.0581
YIQ	236.1700, 4.1320, -30.8440

Conversions

Conversions Part 2

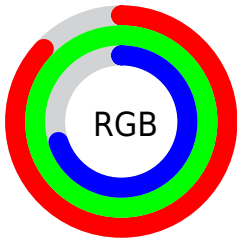
Format	Color
RYB	179, 255, 213
Decimal	14548915
CIELab	96.00, -23.62, 32.81
CIELCh	96, 40.427, 125.755
Yxy	90.0078, 0.3350, 0.4098
Android (android.graphics.Color)	4292738995 (0xFFDDFFB3)
YUV	236.1700, -28.1848, -13.3041
Hunter-Lab	94.8724, -27.5581, 31.3775

Details

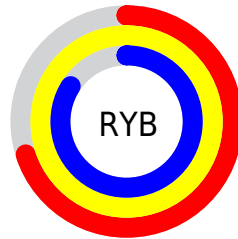
The CIELCh color **96, 40.427, 125.755** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78, 42.389, 308.791**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 10.124, 109.411**, and **76, 40.140, 125.861** is the 20% darker color. If you saturate the color by 10%, you get **95, 53.641, 125.266**, and if you desaturate by 10%, it is **97, 26.946, 126.262**.

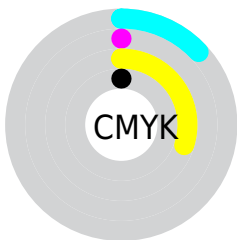
Distribution



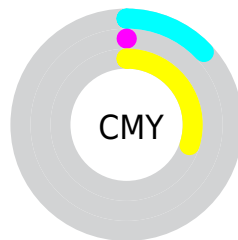
- Red (87%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 40.427, 125.755 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, 40.427, 125.755 by changing the saturation by 10% instead.


 96, 40.427,
125.755


 96, 40.427,
125.755


 100, 40.427,
125.755


 86, 40.427,
125.755

 76, 40.427,
125.755

 66, 40.427,
125.755

 56, 40.427,
125.755

 46, 40.427,
125.755

 36, 40.427,
125.755

 26, 40.427,

125.755

■ 16, 40.427,
125.755

■ 6, 40.427, 125.755

■ 96, 40.427,
125.755

■ 96, 40.427,
125.755

■ 95, 53.641,
125.266

■ 97, 26.946,
126.262

■ 94, 66.353,
124.829

■ 99, 13.348,
126.760

■ 93, 78.226,
124.512

100, 0.111,
321.641

■ 92, 88.789,
124.409

■ 91, 97.450,
124.643

■ 91, 103.661,
125.340

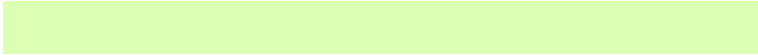
■ 90, 107.431,
126.502

■ 90, 107.490,
126.523

Harmonies

Complementary

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



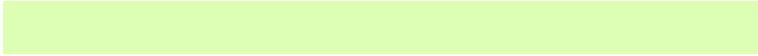
96, 40.427, 125.755



78, 42.389, 308.791

Rectangle

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



96, 40.427, 125.755



96, 40.427, 175.755



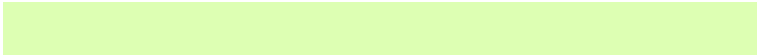
96, 40.427, 305.755



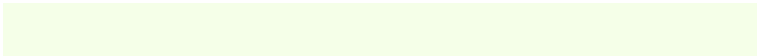
96, 40.427, 355.755

Sweetspot

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



96, 40.429, 125.757



99, 12.237, 126.800



88, 24.311, 64.540



53, 8.505, 126.729



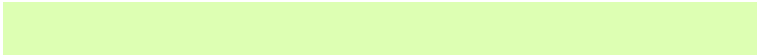
0, 0.000, 0.000



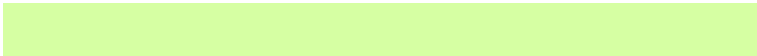
53, 0.007, 296.813

Same Dimension

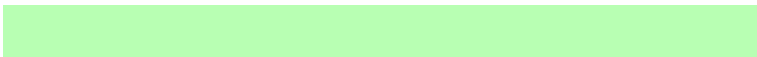
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 40.429, 125.757



95, 48.663, 125.449



94, 46.592, 140.734



53, 7.731, 126.776



70, 86.396, 126.237



24, 38.504, 124.666

Inverse Universe

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



78, 42.389, 308.791



74, 51.591, 309.167



82, 46.767, 324.145



49, 7.850, 307.658



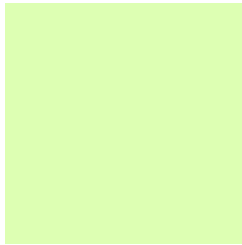
29, 101.669, 310.742



6, 44.921, 311.447

Previews

White Background



This preview shows how the CIELCh color 96, 40.427, 125.755 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 96, 40.427, 125.755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

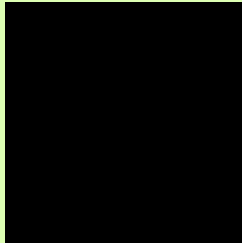
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

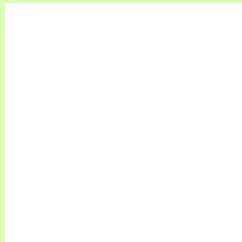
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 40.427, 125.755

Background



This preview shows how black text looks on a background with the CIELCh color 96, 40.427, 125.755.

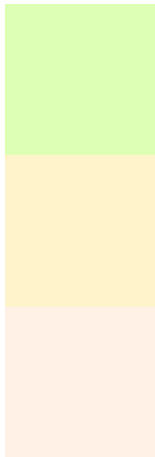


This preview shows how white text looks on a background with the CIELCh color 96, 40.427, 125.755.

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, 40.427, 125.755

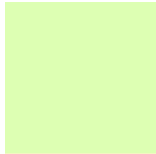
Protanopia
96, 20.879, 96.049

Deuteranopia
96, 7.557, 67.484

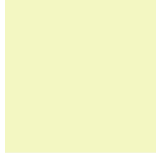


Tritanopia
96, 6.091, 267.411

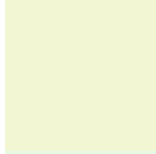
Trichromacy



Original Color
96, 40.427, 125.755



Protanomaly
96, 26.944, 111.305

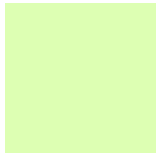


Deuteranomaly
96, 17.864, 112.353

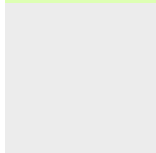


Tritanomaly
96, 12.385, 138.720

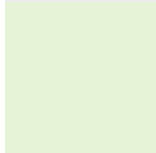
Monochromacy



Original Color
96, 40.427, 125.755



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 15.128, 127.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 40.427, 125.755 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(221, 255, 179)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 179)  
}
```

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(221, 255, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 40.427, 125.755 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(221, 255, 179) }
```

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

```
.border{ border-color:rgb(221, 255, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 255, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 179);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 40.427, 125.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 179) }
```

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

```
.background{ background-color: rgb(221,  
255, 179) }
```

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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