

Converting Colors

CIELCh(96, 39.198, 128.915)

Have a look what the booklet for
CIELCh(96, 39.198, 128.915)
contains.

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Color

CIELCh(96, 39.097, 128.727)

Conversions

Conversions Part 1

Format	Color
Hex	D9FFB7
RGB	217, 255, 183
RGB Percent	85%, 100%, 72%
CMY	0.1475, 0.0000, 0.2809
CMYK	0.15, 0.00, 0.28, 0.00
HSL	92°, 100%, 86%
HSV	92°, 28%, 100%
XYZ	73.1940, 90.0078, 58.5129
YIQ	235.4300, 0.4640, -30.4480

Conversions

Conversions Part 2

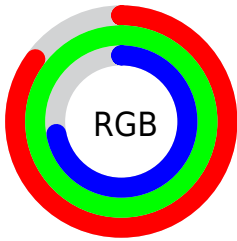
Format	Color
RYB	183, 255, 221
Decimal	14286775
CIELab	96.00, -24.46, 30.50
CIELCh	96, 39.097, 128.727
Yxy	90.0078, 0.3301, 0.4060
Android (android.graphics.Color)	4292476855 (0xFFD9FFB7)
YUV	235.4300, -25.8480, -16.1631
Hunter-Lab	94.8724, -28.3142, 29.8434

Details

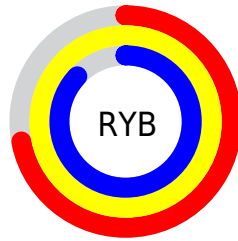
The CIELCh color **96, 39.097, 128.727** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80, 40.347, 311.278**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **76, 39.284, 128.722** is the 20% darker color. If you saturate the color by 10%, you get **95, 52.453, 128.156**, and if you desaturate by 10%, it is **97, 25.070, 129.133**.

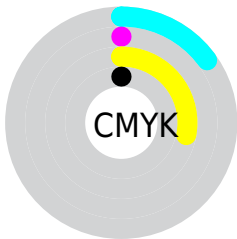
Distribution



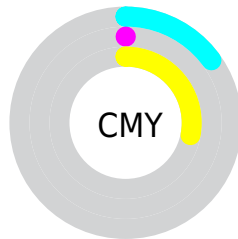
- Red (85%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (87%)



- Cyan (15%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 39.097, 128.727 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, 39.097, 128.727 by changing the saturation by 10% instead.


 96, 39.097,
128.727


 96, 39.097,
128.727

 100, 39.097,
128.727

 86, 39.097,
128.727

 76, 39.097,
128.727

 66, 39.097,
128.727

 56, 39.097,
128.727

 46, 39.097,
128.727

 36, 39.097,
128.727

 26, 39.097,

128.727

■ 16, 39.097,
128.727

■ 6, 39.097, 128.727

■ 96, 39.097,
128.727

■ 96, 39.097,
128.727

■ 95, 52.453,
128.156

■ 97, 25.070,
129.133

■ 94, 65.584,
127.704

■ 99, 11.195,
129.605

■ 93, 77.942,
127.346

100, 0.012,
296.813

■ 92, 89.076,
127.174

■ 91, 98.403,
127.311

■ 90, 105.339,
127.886

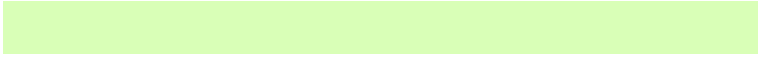
■ 90, 109.665,
128.954

■ 90, 110.331,
129.173

Harmonies

Complementary

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



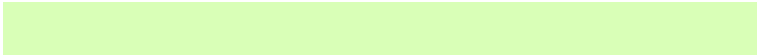
96, 39.097, 128.727



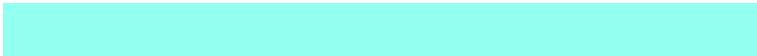
80, 40.347, 311.278

Rectangle

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



96, 39.097, 128.727



96, 39.097, 178.727



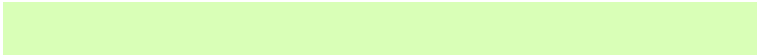
96, 39.097, 308.727



96, 39.097, 358.727

Sweetspot

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



96, 38.875, 128.644



99, 11.066, 129.610



90, 23.579, 73.616



52, 7.868, 129.539



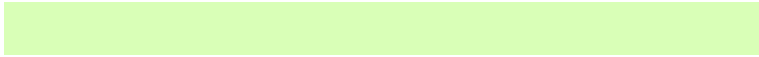
0, 0.000, 0.000



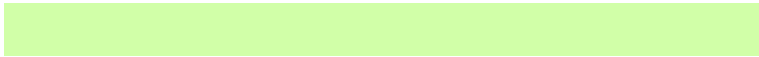
53, 0.007, 296.813

Same Dimension

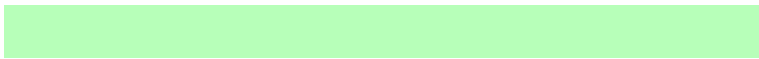
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 38.875, 128.644



95, 46.936, 128.354



94, 44.383, 142.922



52, 7.868, 129.539



69, 88.611, 128.893



23, 39.394, 127.368

Inverse Universe

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



80, 40.347, 311.278



76, 49.132, 311.587



83, 44.386, 326.439



49, 7.972, 310.354



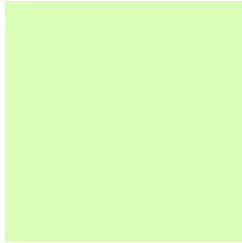
31, 99.986, 312.459



6, 44.868, 313.574

Previews

White Background



This preview shows how the CIE LCh color 96, 39.097, 128.727 looks on a white background.

Color Contrast Check

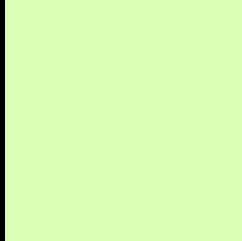
Large Text (above 18pt) WCAG AA × Fail

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, 39.097, 128.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

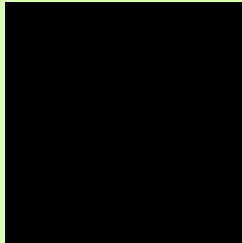
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

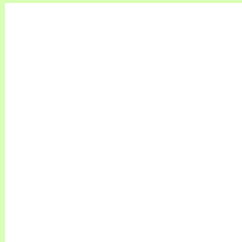
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 39.097, 128.727

Background



This preview shows how black text looks on a background with the CIELCh color 96, 39.097, 128.727.

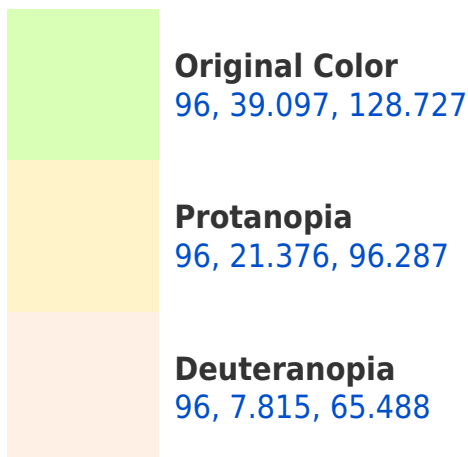


This preview shows how white text looks on a background with the CIELCh color 96, 39.097, 128.727.

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](#).

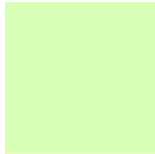
Dichromacy



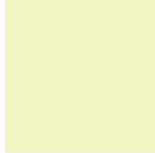


Tritanopia
96, 6.377, 261.736

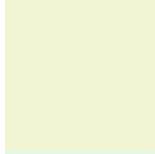
Trichromacy



Original Color
96, 39.097, 128.727



Protanomaly
96, 26.504, 113.025

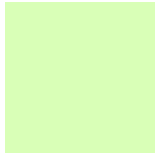


Deuteranomaly
95, 16.897, 113.876

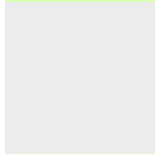


Tritanomaly
96, 11.898, 144.019

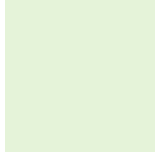
Monochromacy



Original Color
96, 39.097, 128.727



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 14.290, 129.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 39.097, 128.727 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(217, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 183)  
}
```

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(217, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 39.097, 128.727 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(217, 255, 183) }
```

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

```
.border{ border-color:rgb(217, 255, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 255, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 183);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 39.097, 128.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 183) }
```

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

```
.background{ background-color: rgb(217,  
255, 183) }
```

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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