

Converting Colors

CIELCh(96, 39.861, 123.435)

Have a look what the booklet for
CIELCh(96, 39.861, 123.435)
contains.

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Color

CIElCh(96, 39.862, 123.264)

Conversions

Conversions Part 1

Format	Color
Hex	E1FEB2
RGB	225, 254, 178
RGB Percent	88%, 100%, 70%
CMY	0.1181, 0.0044, 0.3024
CMYK	0.11, 0.00, 0.30, 0.00
HSL	83°, 97%, 85%
HSV	83°, 30%, 100%
XYZ	74.4445, 90.0078, 55.5109
YIQ	236.6650, 7.1120, -29.7840

Conversions

Conversions Part 2

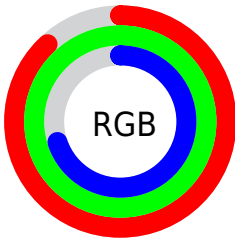
Format	Color
RYB	178, 254, 207
Decimal	14810802
CIELab	96.00, -21.86, 33.33
CIELCh	96, 39.862, 123.264
Yxy	90.0078, 0.3384, 0.4092
Android (android.graphics.Color)	4293000882 (0xFFE1FEB2)
YUV	236.6650, -28.9218, -10.2302
Hunter-Lab	94.8724, -25.9614, 31.7195

Details

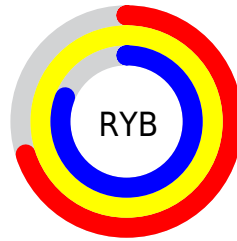
The CIELCh color **96, 39.862, 123.264** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77, 42.065, 306.600**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 10.630, 109.373**, and **76, 39.526, 123.230** is the 20% darker color. If you saturate the color by 10%, you get **95, 52.803, 122.751**, and if you desaturate by 10%, it is **97, 26.640, 123.802**.

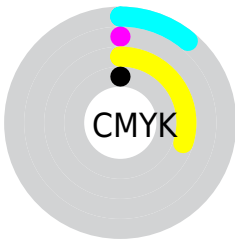
Distribution



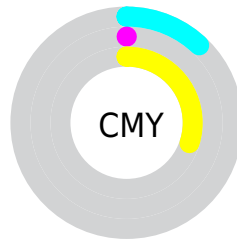
- Red (88%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (81%)



- Cyan (11%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 39.862, 123.264 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, 39.862, 123.264 by changing the saturation by 10% instead.


 96, 39.862,
123.264


 96, 39.862,
123.264


 100, 39.862,
123.264


 86, 39.862,
123.264

 76, 39.862,
123.264

 66, 39.862,
123.264

 56, 39.862,
123.264

 46, 39.862,
123.264

 36, 39.862,
123.264

 26, 39.862,

123.264

■ 16, 39.862,
123.264

■ 6, 39.862, 123.264

■ 96, 39.862,
123.264

■ 96, 39.862,
123.264

■ 95, 52.803,
122.751

■ 97, 26.640,
123.802

■ 94, 65.229,
122.296

■ 98, 13.283,
124.334

■ 93, 76.808,
121.966

■ 100, 0.101,
303.916

■ 92, 87.068,
121.852

■ 100, 0.699,
324.024

■ 92, 95.419,
122.074

■ 91, 101.318,
122.751

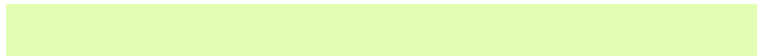
■ 91, 104.801,
123.888

■ 91, 104.822,
123.896

Harmonies

Complementary

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



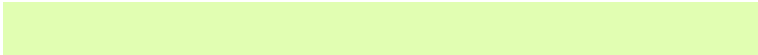
96, 39.862, 123.264



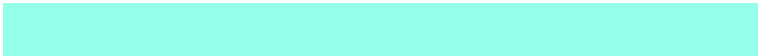
77, 42.065, 306.600

Rectangle

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



96, 39.862, 123.264



96, 39.862, 173.264



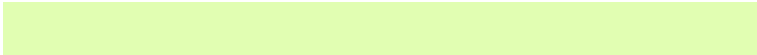
96, 39.862, 303.264



96, 39.862, 353.264

Sweetspot

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



96, 39.864, 123.266



99, 12.077, 124.383



86, 24.145, 57.145



53, 8.393, 124.306



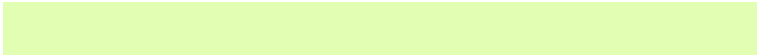
0, 0.000, 0.000



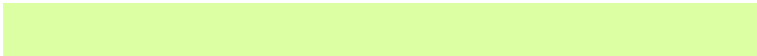
53, 0.007, 296.813

Same Dimension

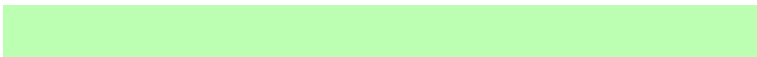
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 39.864, 123.266



96, 47.930, 122.948



94, 45.644, 139.024



53, 7.630, 124.356



70, 84.525, 123.621



24, 37.784, 122.090

Inverse Universe

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



77, 42.065, 306.600



73, 51.216, 307.026



81, 46.030, 322.174



49, 7.761, 305.324



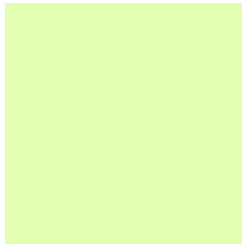
27, 103.052, 309.522



5, 44.877, 309.717

Previews

White Background



This preview shows how the CIELCh color 96, 39.862, 123.264 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, 39.862, 123.264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

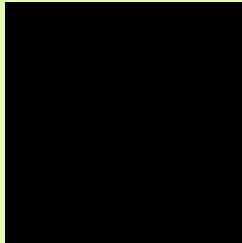
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

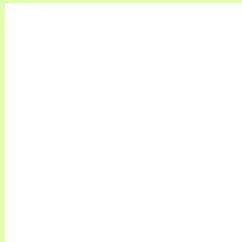
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 39.862, 123.264

Background



This preview shows how black text looks on a background with the CIELCh color 96, 39.862, 123.264.

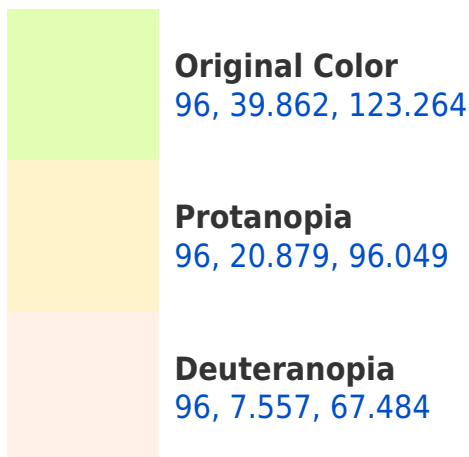


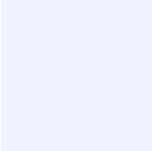
This preview shows how white text looks on a background with the CIELCh color 96, 39.862, 123.264.

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



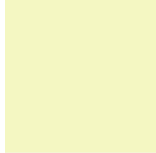


Tritanopia
96, 6.286, 278.034

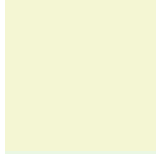
Trichromacy



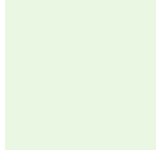
Original Color
96, 39.862, 123.264



Protanomaly
96, 26.922, 110.503



Deuteranomaly
96, 17.841, 111.170

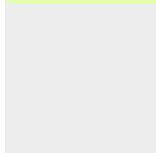


Tritanomaly
96, 11.269, 133.805

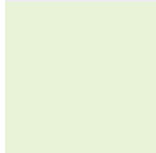
Monochromacy



Original Color
96, 39.862, 123.264



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 14.311, 123.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 39.862, 123.264 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(225, 254, 178)` looks like.

```
.text, #text, p{  
    color:rgb(225, 254, 178)  
}
```

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(225, 254, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 254, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 39.862, 123.264 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(225, 254, 178) }
```

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

```
.border{ border-color:rgb(225, 254, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 254, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 254, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 254, 178);  
box-shadow:4px 4px 4px 4px rgb(225, 254,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 39.862, 123.264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 254, 178) }
```

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

```
.background{ background-color: rgb(225,  
254, 178) }
```

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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