

Converting Colors

CIELCh(97, 41.023, 123.363)

Have a look what the booklet for
CIELCh(97, 41.023, 123.363)
contains.

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Color

CIELCh(96, 39.726, 122.761)

Conversions

Conversions Part 1

Format	Color
Hex	E2FEB2
RGB	226, 254, 178
RGB Percent	89%, 100%, 70%
CMY	0.1149, 0.0051, 0.3029
CMYK	0.11, 0.00, 0.30, 0.01
HSL	82°, 97%, 85%
HSV	82°, 30%, 99%
XYZ	74.6225, 90.0078, 55.4314
YIQ	236.9640, 7.7080, -29.5720

Conversions

Conversions Part 2

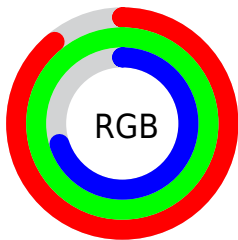
Format	Color
RYB	178, 254, 206
Decimal	14876338
CIELab	96.00, -21.50, 33.41
CIELCh	96, 39.726, 122.761
Yxy	90.0078, 0.3391, 0.4090
Android (android.graphics.Color)	4293066418 (0xFFE2FEB2)
YUV	236.9640, -29.0693, -9.6154
Hunter-Lab	94.8724, -25.6265, 31.7692

Details

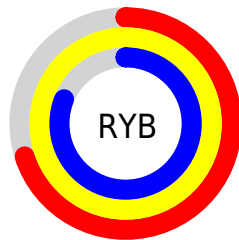
The CIELCh color **96, 39.726, 122.761** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77, 41.971, 306.164**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 10.630, 109.373**, and **76, 39.406, 122.690** is the 20% darker color. If you saturate the color by 10%, you get **95, 52.616, 122.241**, and if you desaturate by 10%, it is **97, 26.552, 123.306**.

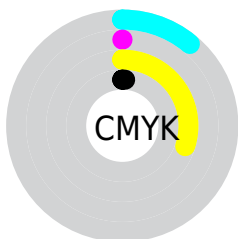
Distribution



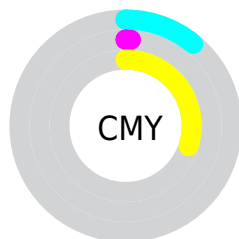
- Red (89%)
- Green (100%)
- Blue (70%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (30%)
- Black (1%)





- Cyan (11%)
- Magenta (1%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 39.726, 122.761 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, 39.726, 122.761 by changing the saturation by 10% instead.


 96, 39.726,
122.761


 96, 39.726,
122.761


 100, 39.726,
122.761


 86, 39.726,
122.761

 76, 39.726,
122.761

 66, 39.726,
122.761

 56, 39.726,
122.761

 46, 39.726,
122.761

 36, 39.726,
122.761

 26, 39.726,

122.761

■ 16, 39.726,
122.761

■ 6, 39.726, 122.761

■ 96, 39.726,
122.761

■ 96, 39.726,
122.761

■ 95, 52.616,
122.241

■ 97, 26.552,
123.306

■ 94, 64.990,
121.780

■ 98, 13.240,
123.847

■ 93, 76.516,
121.444

■ 100, 0.104,
303.516

■ 93, 86.720,
121.324

■ 100, 0.822,
324.094

■ 92, 95.015,
121.537

■ 91, 100.856,
122.203

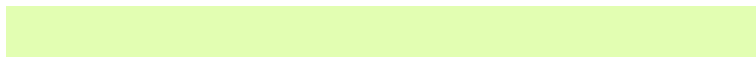
■ 91, 104.281,
123.327

■ 91, 104.302,
123.335

Harmonies

Complementary

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



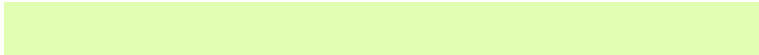
96, 39.726, 122.761



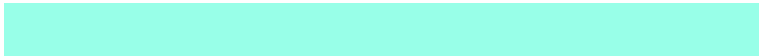
77, 41.971, 306.164

Rectangle

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



96, 39.726, 122.761



96, 39.726, 172.761



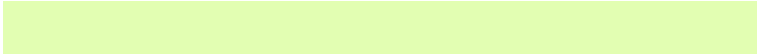
96, 39.726, 302.761



96, 39.726, 352.761

Sweetspot

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



96, 39.728, 122.763



99, 12.048, 123.897



86, 24.128, 57.146



53, 8.373, 123.819



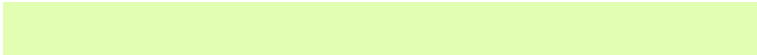
0, 0.000, 0.000



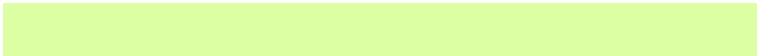
53, 0.007, 296.813

Same Dimension

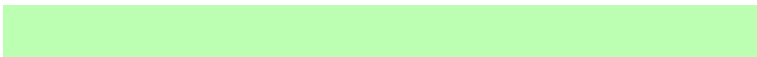
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 39.728, 122.763



96, 47.796, 122.441



94, 45.612, 139.024



53, 7.611, 123.870



70, 84.163, 123.064



24, 37.647, 121.550

Inverse Universe

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



77, 41.971, 306.164



73, 51.149, 306.603



81, 45.997, 322.174



49, 7.745, 304.857



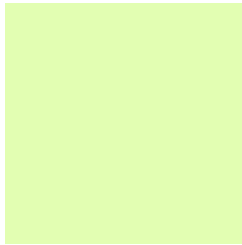
27, 103.315, 309.306



5, 44.862, 309.385

Previews

White Background



This preview shows how the CIELCh color 96, 39.726, 122.761 looks on a white background.

Color Contrast Check

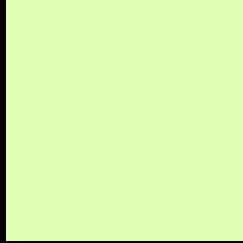
Large Text (above 18pt) WCAG AA × Fail

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, 39.726, 122.761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

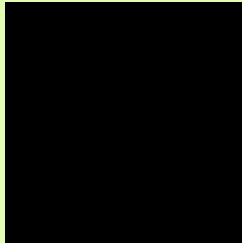
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

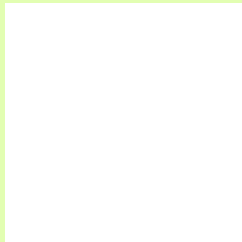
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 39.726, 122.761

Background



This preview shows how black text looks on a background with the CIELCh color 96, 39.726, 122.761.

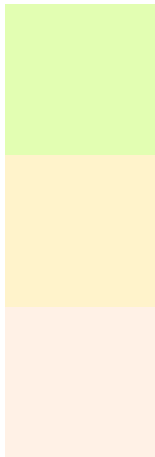


This preview shows how white text looks on a background with the CIELCh color 96, 39.726, 122.761.

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](#).

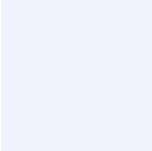
Dichromacy



Original Color
96, 39.753, 122.755

Protanopia
96, 20.879, 96.049

Deuteranopia
96, 7.557, 67.484

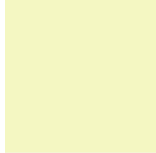


Tritanopia
96, 6.226, 281.124

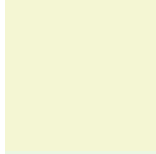
Trichromacy



Original Color
96, 39.753, 122.755



Protanomaly
96, 26.922, 110.503



Deuteranomaly
96, 17.841, 111.170

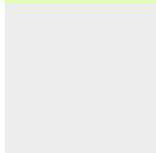


Tritanomaly
96, 11.120, 132.157

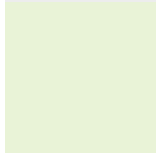
Monochromacy



Original Color
96, 39.753, 122.755



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 14.805, 123.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 39.726, 122.761 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(226, 254, 178)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 254, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 254, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 39.726, 122.761 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(226, 254, 178) }
```

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

```
.border{ border-color:rgb(226, 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(226, 254, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 254, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 254, 178); box-shadow:4px 4px 4px 4px rgb(226, 254, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 39.726, 122.761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 254, 178) }
```

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

```
.background{ background-color: rgb(226,  
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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