

Converting Colors

CIELCh(100, 46.725, 129.276)

Have a look what the booklet for
CIELCh(100, 46.725, 129.276)
contains.

CIELCh(96, 38.423, 126.238)	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, 38.423, 126.238)

Conversions

Conversions Part 1

Format	Color
Hex	DDFEB6
RGB	221, 254, 182
RGB Percent	87%, 100%, 71%
CMY	0.1315, 0.0021, 0.2844
CMYK	0.13, 0.00, 0.28, 0.00
HSL	88°, 98%, 86%
HSV	88°, 28%, 100%
XYZ	74.0338, 90.0078, 57.9857
YIQ	235.9250, 3.4440, -29.3880

Conversions

Conversions Part 2

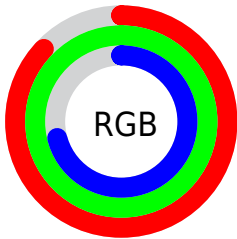
Format	Color
RYB	182, 254, 215
Decimal	14548662
CIELab	96.00, -22.71, 30.99
CIELCh	96, 38.423, 126.238
Yxy	90.0078, 0.3334, 0.4054
Android (android.graphics.Color)	4292738742 (0xFFDDFEB6)
YUV	235.9250, -26.5850, -13.0892
Hunter-Lab	94.8724, -26.7341, 30.1729

Details

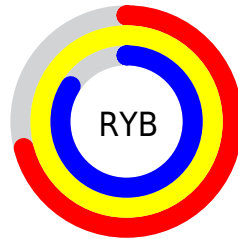
The CIELCh color **96, 38.423, 126.238** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 40.139, 309.067**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.605, 109.524**, and **76, 38.105, 126.400** is the 20% darker color. If you saturate the color by 10%, you get **95, 51.716, 125.747**, and if you desaturate by 10%, it is **97, 24.894, 126.741**.

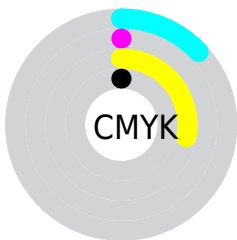
Distribution



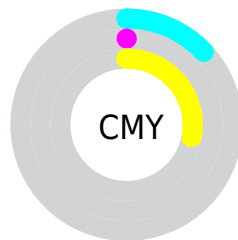
- Red (87%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)




- Cyan (13%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 38.423, 126.238 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, 38.423, 126.238 by changing the saturation by 10% instead.

 96, 38.423,
126.238


 96, 38.423,
126.238

 100, 38.423,
126.238


 86, 38.423,
126.238

 76, 38.423,
126.238

 66, 38.423,
126.238

 56, 38.423,
126.238

 46, 38.423,
126.238

 36, 38.423,
126.238

 26, 38.423,

126.238

■ 16, 38.423,
126.238

■ 6, 38.423, 126.238

■ 96, 38.423,
126.238

■ 96, 38.423,
126.238

■ 95, 51.716,
125.747

■ 97, 24.894,
126.741

■ 94, 64.549,
125.300

■ 99, 11.271,
127.233

■ 93, 76.607,
124.959

100, 0.350,
323.569

■ 92, 87.437,
124.815

■ 91, 96.464,
124.987

■ 91, 103.111,
125.606

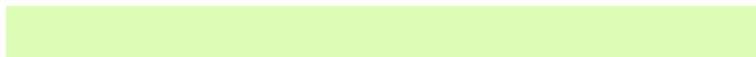
■ 90, 107.193,
126.720

■ 90, 107.763,
126.927

Harmonies

Complementary

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



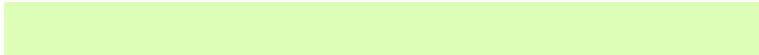
96, 38.423, 126.238



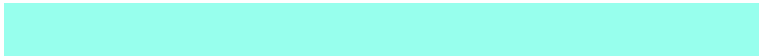
79, 40.139, 309.067

Rectangle

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



96, 38.423, 126.238



96, 38.423, 176.238



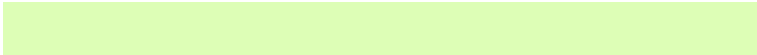
96, 38.423, 306.238



96, 38.423, 356.238

Sweetspot

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



96, 38.425, 126.240



99, 10.900, 127.247



88, 23.035, 66.532



53, 7.749, 127.174



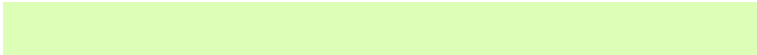
0, 0.000, 0.000



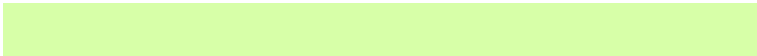
53, 0.007, 296.813

Same Dimension

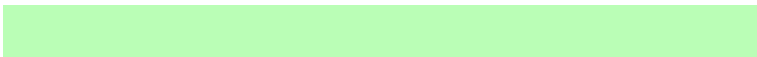
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 38.425, 126.240



96, 46.142, 125.955



94, 44.392, 141.268



53, 7.749, 127.174



70, 86.712, 126.642



24, 38.629, 125.071

Inverse Universe

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



79, 40.139, 309.067



75, 48.679, 309.405



83, 44.513, 324.555



49, 7.866, 308.044



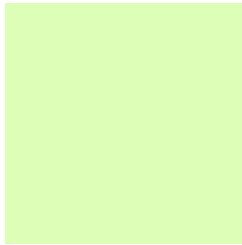
29, 101.432, 310.967



6, 44.922, 311.744

Previews

White Background



This preview shows how the CIE LCh color 96, 38.423, 126.238 looks on a white background.

Color Contrast Check

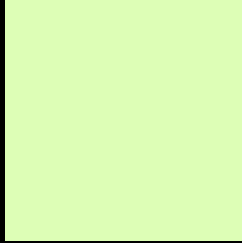
Large Text (above 18pt) WCAG AA × Fail

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, 38.423, 126.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

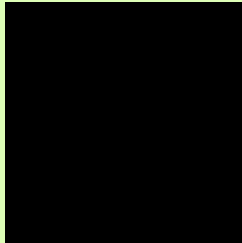
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

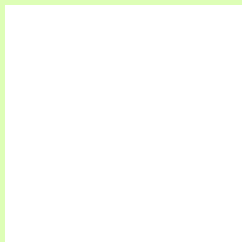
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 38.423, 126.238

Background



This preview shows how black text looks on a background with the CIELCh color 96, 38.423, 126.238.

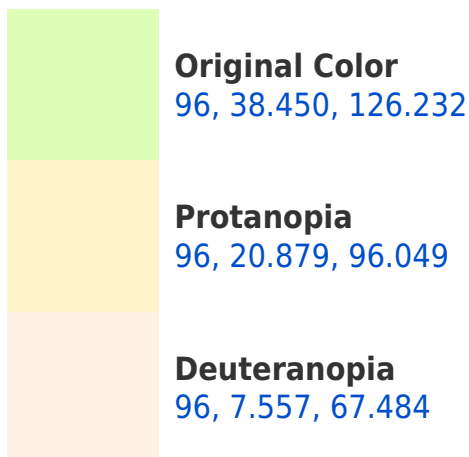


This preview shows how white text looks on a background with the CIELCh color 96, 38.423, 126.238.

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



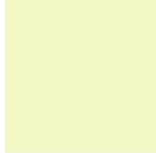


Tritanopia
96, 6.091, 267.411

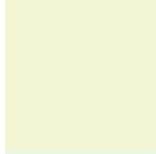
Trichromacy



Original Color
96, 38.450, 126.232



Protanomaly
96, 25.941, 111.500



Deuteranomaly
96, 16.851, 112.636

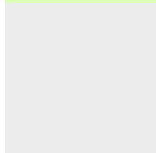


Tritanomaly
96, 11.500, 141.198

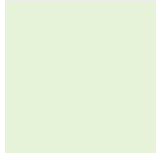
Monochromacy



Original Color
96, 38.450, 126.232



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 14.037, 127.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 38.423, 126.238 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, 254, 182)` looks like.

```
.text, #text, p{  
    color:rgb(221, 254, 182)  
}
```

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, 254, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 254, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 38.423, 126.238 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, 254, 182) }
```

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

```
.border{ border-color:rgb(221, 254, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 254, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 254, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 254, 182);  
box-shadow:4px 4px 4px 4px rgb(221, 254,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 38.423, 126.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 254, 182) }
```

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

```
.background{ background-color: rgb(221,  
254, 182) }
```

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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