

Converting Colors

CIELCh(96, 43.611, 126.445)

Have a look what the booklet for
CIELCh(96, 43.611, 126.445)
contains.

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Color

CIELCh(96, 43.144, 126.004)

Conversions

Conversions Part 1

Format	Color
Hex	DBFFAF
RGB	219, 255, 175
RGB Percent	86%, 100%, 69%
CMY	0.1426, 0.0000, 0.3153
CMYK	0.14, 0.00, 0.32, 0.00
HSL	87°, 100%, 84%
HSV	87°, 32%, 100%
XYZ	72.7625, 90.0078, 53.8887
YIQ	235.1160, 4.2240, -32.5120

Conversions

Conversions Part 2

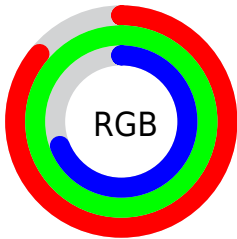
Format	Color
RYB	175, 255, 211
Decimal	14417839
CIELab	96.00, -25.36, 34.90
CIElCh	96, 43.144, 126.004
Yxy	90.0078, 0.3358, 0.4154
Android (android.graphics.Color)	4292607919 (0xFFDBFFAF)
YUV	235.1160, -29.6372, -14.1337
Hunter-Lab	94.8724, -29.1260, 32.7333

Details

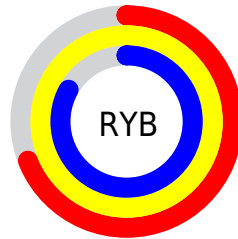
The CIELCh color **96, 43.144, 126.004** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **77, 44.970, 309.058**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.147, 109.259**, and **76, 42.333, 125.846** is the 20% darker color. If you saturate the color by 10%, you get **95, 55.955, 125.371**, and if you desaturate by 10%, it is **97, 29.310, 126.358**.

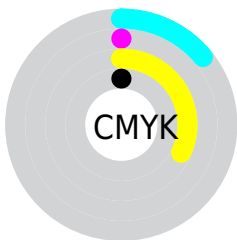
Distribution



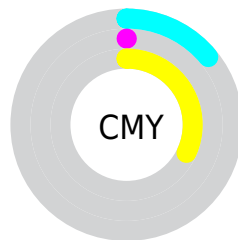
- Red (86%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (83%)



- Cyan (14%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 43.144, 126.004 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, 43.144, 126.004 by changing the saturation by 10% instead.


 96, 43.144,
126.004


 96, 43.144,
126.004


 100, 43.144,
126.004


 86, 43.144,
126.004

 76, 43.144,
126.004

 66, 43.144,
126.004

 56, 43.144,
126.004

 46, 43.144,
126.004

 36, 43.144,
126.004

 26, 43.144,

126.004

■ 16, 43.144,
126.004

■ 6, 43.144, 126.004

■ 96, 43.144,
126.004

■ 96, 43.144,
126.004

■ 95, 55.955,
125.371

■ 97, 29.310,
126.358

■ 94, 68.575,
124.950

■ 98, 15.699,
126.856

■ 93, 80.287,
124.661

■ 100, 2.069,
127.378

■ 92, 90.593,
124.606

■ 100, 0.012,
296.813

■ 91, 98.892,
124.911

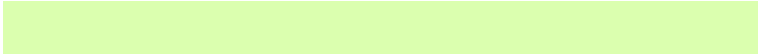
■ 91, 104.672,
125.696

■ 90, 107.722,
126.708

Harmonies

Complementary

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



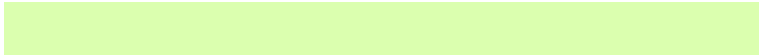
96, 43.144, 126.004



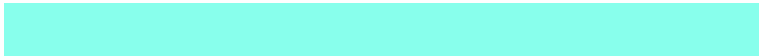
77, 44.970, 309.058

Rectangle

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



96, 43.144, 126.004



96, 43.144, 176.004



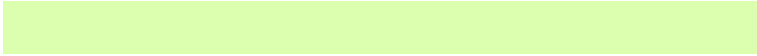
96, 43.144, 306.004



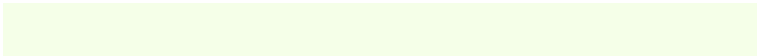
96, 43.144, 356.004

Sweetspot

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



96, 42.784, 125.855



99, 12.250, 126.980



87, 25.962, 66.161



52, 8.515, 126.909



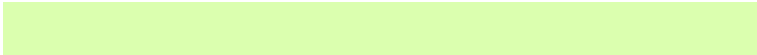
0, 0.000, 0.000



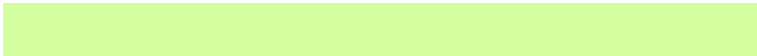
53, 0.007, 296.813

Same Dimension

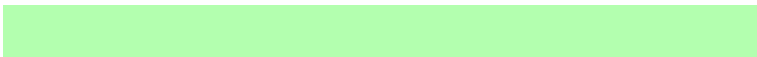
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 42.784, 125.855



95, 51.354, 125.537



94, 49.520, 141.003



53, 7.739, 126.955



70, 86.538, 126.421



24, 38.560, 124.850

Inverse Universe

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



77, 44.970, 309.058



72, 54.611, 309.451



81, 49.651, 324.716



49, 7.858, 307.832



29, 101.563, 310.843



6, 44.922, 311.581

Previews

White Background



This preview shows how the CIELCh color 96, 43.144, 126.004 looks on a white background.

Color Contrast Check

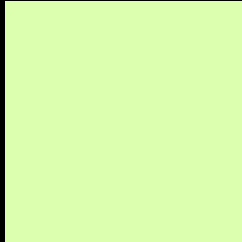
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 96, 43.144, 126.004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

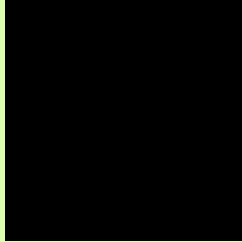
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

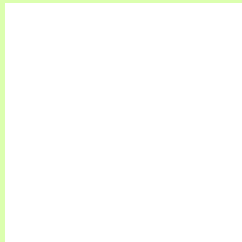
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 43.144, 126.004

Background



This preview shows how black text looks on a background with the CIELCh color 96, 43.144, 126.004.

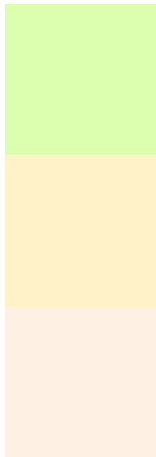


This preview shows how white text looks on a background with the CIELCh color 96, 43.144, 126.004.

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](#).

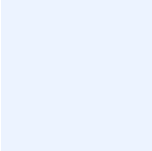
Dichromacy



Original Color
96, 42.550, 125.774

Protanopia
96, 21.974, 95.531

Deuteranopia
96, 8.196, 67.908

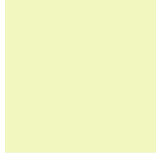


Tritanopia
96, 6.568, 269.247

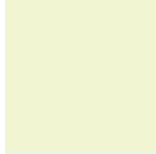
Trichromacy



Original Color
96, 42.550, 125.774



Protanomaly
96, 28.473, 111.788



Deuteranomaly
95, 18.384, 112.216

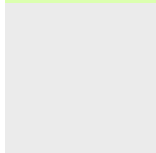


Tritanomaly
96, 12.395, 138.718

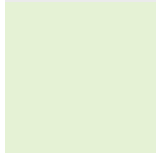
Monochromacy



Original Color
96, 42.550, 125.774



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 15.627, 126.686

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 43.144, 126.004 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(219, 255, 175)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 175)  
}
```

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(219, 255, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 43.144, 126.004 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(219, 255, 175) }
```

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

```
.border{ border-color:rgb(219, 255, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 255, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 175);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 43.144, 126.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 175) }
```

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

```
.background{ background-color: rgb(219,  
255, 175) }
```

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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