

Converting Colors

CIELCh(96, 33.714, 130.685)

Have a look what the booklet for
CIELCh(96, 33.714, 130.685)
contains.

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Color

CIElCh(96, 33.584, 130.519)

Conversions

Conversions Part 1

Format	Color
Hex	DBFEC1
RGB	219, 254, 193
RGB Percent	86%, 100%, 76%
CMY	0.1402, 0.0029, 0.2422
CMYK	0.14, 0.00, 0.24, 0.00
HSL	94°, 98%, 88%
HSV	94°, 24%, 100%
XYZ	74.4662, 90.0078, 64.0448
YIQ	236.5810, -1.2790, -26.3910

Conversions

Conversions Part 2

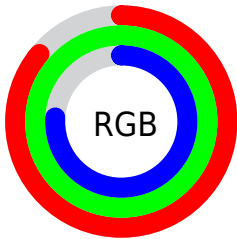
Format	Color
RYB	193, 254, 228
Decimal	14417601
CIELab	96.00, -21.82, 25.53
CIELCh	96, 33.584, 130.519
Yxy	90.0078, 0.3259, 0.3939
Android (android.graphics.Color)	4292607681 (0xFFDBFEC1)
YUV	236.5810, -21.4854, -15.4185
Hunter-Lab	94.8724, -25.9206, 26.3863

Details

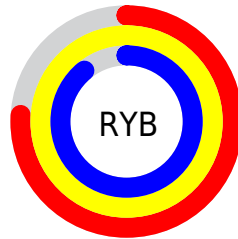
The CIELCh color **96, 33.584, 130.519** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 34.528, 312.678**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.525, 109.959**, and **76, 33.579, 130.691** is the 20% darker color. If you saturate the color by 10%, you get **95, 47.445, 130.024**, and if you desaturate by 10%, it is **97, 19.581, 131.001**.

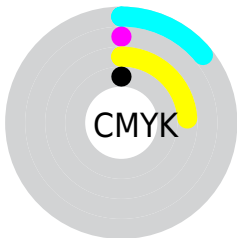
Distribution



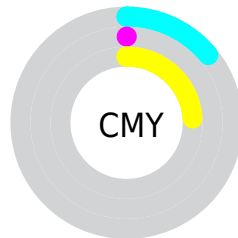
- Red (86%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (89%)



- Cyan (14%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (14%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 33.584, 130.519 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, 33.584, 130.519 by changing the saturation by 10% instead.

96, 33.584,
130.519

96, 33.584,
130.519

100, 33.584,
130.519

86, 33.584,
130.519

76, 33.584,
130.519

66, 33.584,
130.519

56, 33.584,
130.519

46, 33.584,
130.519

36, 33.584,
130.519

26, 33.584,

130.519

■ 16, 33.584,
130.519

■ 6, 33.584, 130.519

■ 96, 33.584,
130.519

■ 96, 33.584,
130.519

■ 95, 47.445,
130.024

■ 97, 19.581,
131.001

■ 93, 60.959,
129.539

■ 99, 5.569, 131.468

■ 92, 73.846,
129.112

100, 0.467,
323.795

■ 91, 85.702,
128.818

■ 91, 95.988,
128.770

■ 90, 104.089,
129.102

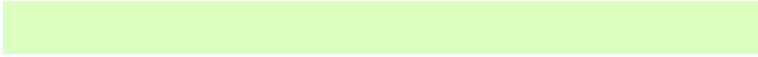
■ 89, 109.549,
129.916

■ 89, 111.745,
130.580

Harmonies

Complementary

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



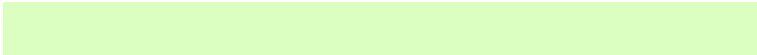
96, 33.584, 130.519



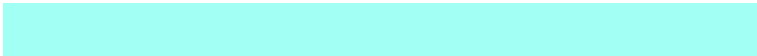
83, 34.528, 312.678

Rectangle

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



96, 33.584, 130.519



96, 33.584, 180.519



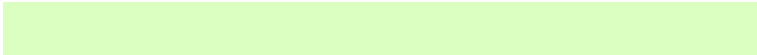
96, 33.584, 310.519



96, 33.584, 0.519

Sweetspot

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



96, 33.586, 130.521



99, 9.794, 131.325



92, 20.564, 79.135



53, 6.366, 131.297



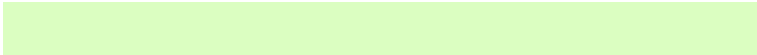
0, 0.000, 0.000



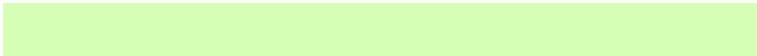
53, 0.007, 296.813

Same Dimension

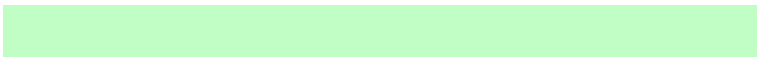
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 33.586, 130.521



96, 40.644, 130.273



95, 36.565, 144.641



52, 7.963, 131.210



69, 89.940, 130.313



23, 39.952, 128.866

Inverse Universe

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



83, 34.528, 312.678



80, 42.040, 312.921



85, 36.600, 327.654



49, 8.057, 311.999



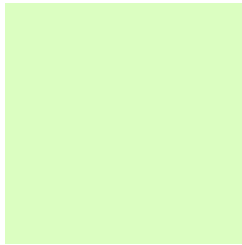
32, 98.948, 313.679



7, 44.756, 314.931

Previews

White Background



This preview shows how the CIE LCh color 96, 33.584, 130.519 looks on a white background.

Color Contrast Check

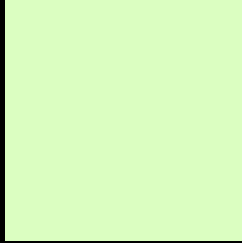
Large Text (above 18pt) WCAG AA × Fail

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, 33.584, 130.519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

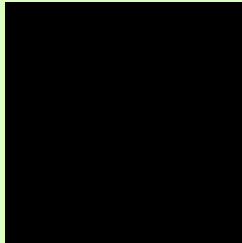
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

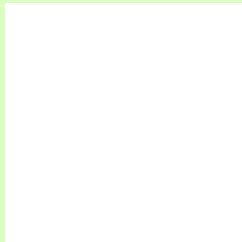
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 33.584, 130.519

Background



This preview shows how black text looks on a background with the CIELCh color 96, 33.584, 130.519.

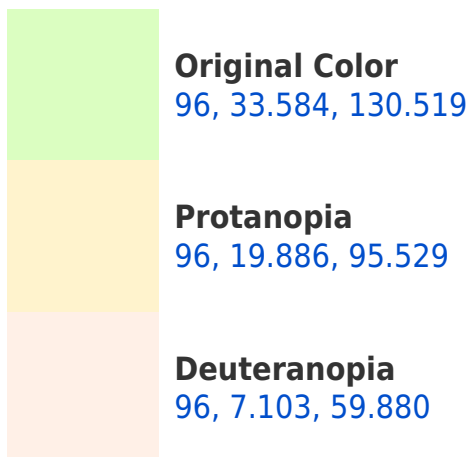


This preview shows how white text looks on a background with the CIELCh color 96, 33.584, 130.519.

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



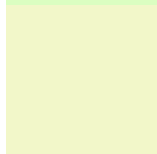


Tritanopia
96, 6.227, 264.506

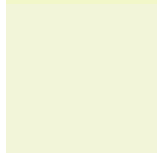
Trichromacy



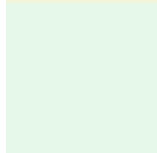
Original Color
96, 33.584, 130.519



Protanomaly
96, 23.459, 112.942



Deuteranomaly
96, 14.329, 113.465

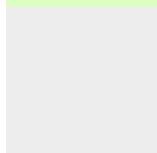


Tritanomaly
96, 10.030, 148.968

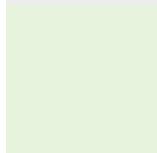
Monochromacy



Original Color
96, 33.584, 130.519



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 12.107, 130.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 33.584, 130.519 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, 254, 193)` looks like.

```
.text, #text, p{  
    color:rgb(219, 254, 193)  
}
```

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, 254, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 254, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 33.584, 130.519 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, 254, 193) }
```

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

```
.border{ border-color:rgb(219, 254, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 254, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 254, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 254, 193);  
box-shadow:4px 4px 4px 4px rgb(219, 254,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 33.584, 130.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 254, 193) }
```

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

```
.background{ background-color: rgb(219,  
254, 193) }
```

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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