

Converting Colors

CIELCh(96, 34.791, 134.779)

Have a look what the booklet for
CIELCh(96, 34.791, 134.779)
contains.

CIELCh(96, 34.216, 134.634)	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, 34.216, 134.634)

Conversions

Conversions Part 1

Format	Color
Hex	D5FFC3
RGB	213, 255, 195
RGB Percent	84%, 100%, 76%
CMY	0.1628, 0.0000, 0.2335
CMYK	0.16, 0.00, 0.23, 0.00
HSL	102°, 100%, 88%
HSV	102°, 23%, 100%
XYZ	73.3955, 90.0078, 65.4094
YIQ	235.6020, -5.7720, -27.5640

Conversions

Conversions Part 2

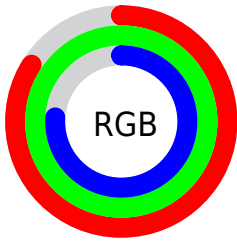
Format	Color
RYB	195, 255, 237
Decimal	14024643
CIELab	96.00, -24.04, 24.35
CIElCh	96, 34.216, 134.634
Yxy	90.0078, 0.3208, 0.3934
Android (android.graphics.Color)	4292214723 (0xFFD5FFC3)
YUV	235.6020, -20.0168, -19.8220
Hunter-Lab	94.8724, -27.9351, 25.5335

Details

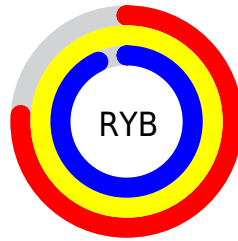
The CIELCh color **96, 34.216, 134.634** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84, 34.537, 316.657**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **76, 34.095, 134.427** is the 20% darker color. If you saturate the color by 10%, you get **94, 48.369, 134.021**, and if you desaturate by 10%, it is **98, 19.359, 135.074**.

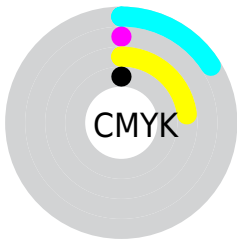
Distribution



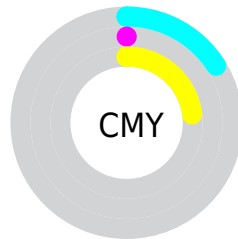
- Red (84%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (93%)



- Cyan (16%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 34.216, 134.634 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, 34.216, 134.634 by changing the saturation by 10% instead.


 96, 34.216,
134.634


 96, 34.216,
134.634


 100, 34.216,
134.634


 86, 34.216,
134.634

 76, 34.216,
134.634

 66, 34.216,
134.634

 56, 34.216,
134.634

 46, 34.216,
134.634

 36, 34.216,
134.634

 26, 34.216,

134.634

■ 16, 34.216,
134.634

■ 6, 34.216, 134.634

■ 96, 34.216,
134.634

■ 96, 34.216,
134.634

■ 94, 48.369,
134.021

■ 98, 19.359,
135.074

■ 93, 62.471,
133.457

■ 99, 4.826, 135.560

■ 92, 75.924,
132.915

100, 0.012,
296.813

■ 91, 88.307,
132.466

■ 90, 99.060,
132.216

■ 89, 107.542,
132.299

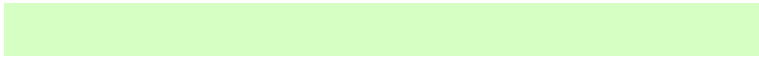
■ 89, 113.252,
132.822

■ 88, 115.672,
133.354

Harmonies

Complementary

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



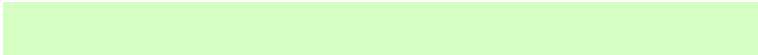
96, 34.216, 134.634



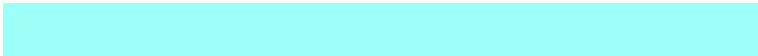
84, 34.537, 316.657

Rectangle

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



96, 34.216, 134.634



96, 34.216, 184.634



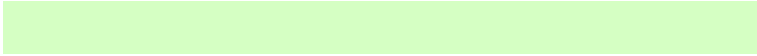
96, 34.216, 314.634



96, 34.216, 4.634

Sweetspot

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



96, 33.926, 134.567



99, 10.123, 135.377



94, 22.061, 89.450



53, 6.580, 135.349



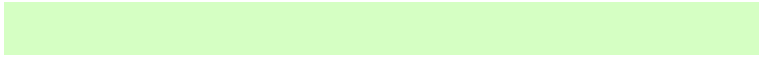
0, 0.000, 0.000



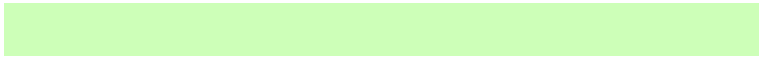
53, 0.007, 296.813

Same Dimension

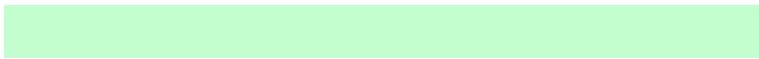
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 33.926, 134.567



95, 40.673, 134.317



95, 32.813, 148.270



52, 8.233, 135.258



68, 92.917, 133.136



23, 41.297, 132.026

Inverse Universe

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



84, 34.537, 316.657



81, 41.551, 316.864



86, 32.933, 331.421



50, 8.302, 316.040



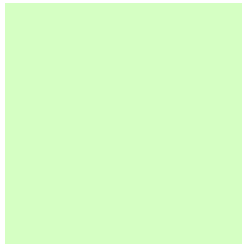
36, 96.508, 317.263



8, 44.108, 318.435

Previews

White Background



This preview shows how the CIELCh color 96, 34.216, 134.634 looks on a white background.

Color Contrast Check

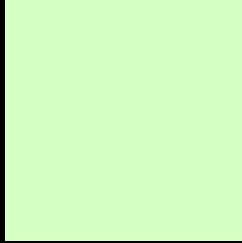
Large Text (above 18pt) WCAG AA × Fail

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, 34.216, 134.634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

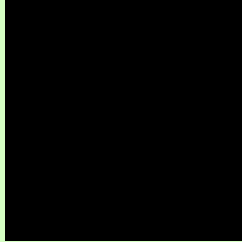
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

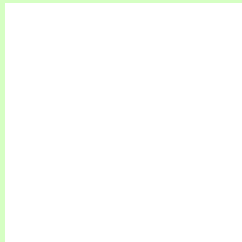
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 34.216, 134.634

Background



This preview shows how black text looks on a background with the CIELCh color 96, 34.216, 134.634.

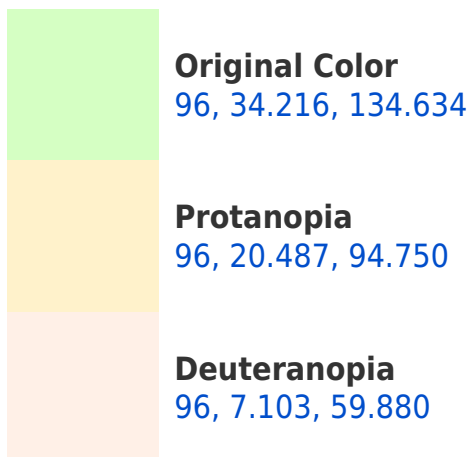


This preview shows how white text looks on a background with the CIELCh color 96, 34.216, 134.634.

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



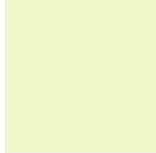


Tritanopia
96, 6.718, 256.610

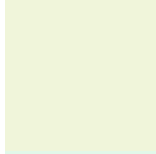
Trichromacy



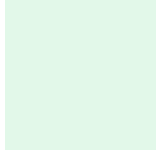
Original Color
96, 34.216, 134.634



Protanomaly
96, 24.040, 114.584

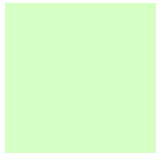


Deuteranomaly
96, 13.909, 116.651

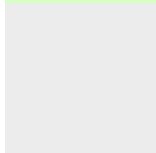


Tritanomaly
96, 10.987, 154.430

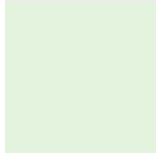
Monochromacy



Original Color
96, 34.216, 134.634



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 12.550, 134.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 34.216, 134.634 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(213, 255, 195)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 195)  
}
```

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(213, 255, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 34.216, 134.634 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(213, 255, 195) }
```

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

```
.border{ border-color:rgb(213, 255, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 255, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 255, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 255, 195);  
box-shadow:4px 4px 4px 4px rgb(213, 255,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 34.216, 134.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 195) }
```

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

```
.background{ background-color: rgb(213,  
255, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor