

Converting Colors

CIELCh(100, 43.317, 133.679)

Have a look what the booklet for
CIELCh(100, 43.317, 133.679)
contains.

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Color

CIELCh(96, 34.477, 131.812)

Conversions

Conversions Part 1

Format	Color
Hex	D9FFC1
RGB	217, 255, 193
RGB Percent	85%, 100%, 76%
CMY	0.1495, 0.0005, 0.2436
CMYK	0.15, 0.00, 0.24, 0.00
HSL	97°, 100%, 88%
HSV	97°, 24%, 100%
XYZ	73.9025, 90.0078, 63.8538
YIQ	236.5700, -2.7460, -27.3380

Conversions

Conversions Part 2

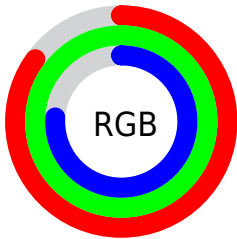
Format	Color
RYB	193, 255, 231
Decimal	14286785
CIELab	96.00, -22.99, 25.70
CIELCh	96, 34.477, 131.812
Yxy	90.0078, 0.3245, 0.3952
Android (android.graphics.Color)	4292476865 (0xFFD9FFC1)
YUV	236.5700, -21.4800, -17.1629
Hunter-Lab	94.8724, -26.9811, 26.5056

Details

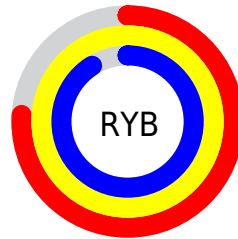
The CIELCh color **96, 34.477, 131.812** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 35.352, 313.978**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.525, 109.959**, and **76, 34.352, 131.468** is the 20% darker color. If you saturate the color by 10%, you get **95, 48.522, 131.307**, and if you desaturate by 10%, it is **98, 20.290, 132.299**.

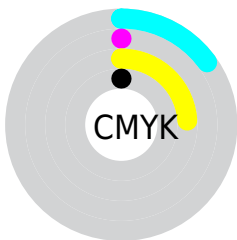
Distribution



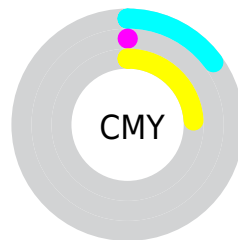
- Red (85%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 34.477, 131.812 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, 34.477, 131.812 by changing the saturation by 10% instead.


 96, 34.477,
131.812


 96, 34.477,
131.812


 100, 34.477,
131.812


 86, 34.477,
131.812

 76, 34.477,
131.812

 66, 34.477,
131.812

 56, 34.477,
131.812

 46, 34.477,
131.812

 36, 34.477,
131.812

 26, 34.477,

131.812

■ 16, 34.477,
131.812

■ 6, 34.477, 131.812

■ 96, 34.477,
131.812

■ 96, 34.477,
131.812

■ 95, 48.522,
131.307

■ 98, 20.290,
132.299

■ 93, 62.211,
130.804

■ 99, 6.099, 132.765

■ 92, 75.251,
130.353

100, 0.092,
321.083

■ 91, 87.227,
130.029

■ 90, 97.587,
129.945

■ 90, 105.708,
130.234

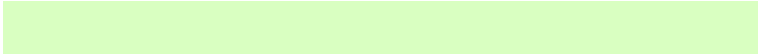
■ 89, 111.139,
130.999

■ 89, 113.213,
131.583

Harmonies

Complementary

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



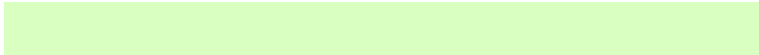
96, 34.477, 131.812



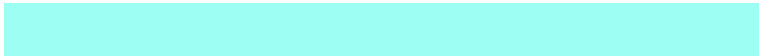
83, 35.352, 313.978

Rectangle

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



96, 34.477, 131.812



96, 34.477, 181.812



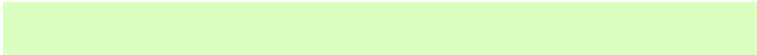
96, 34.477, 311.812



96, 34.477, 1.812

Sweetspot

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



96, 34.479, 131.813



99, 9.893, 132.639



92, 21.424, 82.221



53, 6.430, 132.611



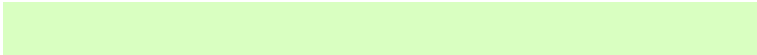
0, 0.000, 0.000



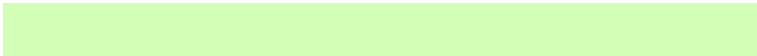
53, 0.007, 296.813

Same Dimension

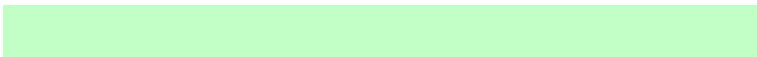
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 34.479, 131.813



95, 41.091, 131.578



95, 36.280, 145.578



52, 8.044, 132.523



69, 90.957, 131.327



23, 40.393, 129.966

Inverse Universe

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



83, 35.352, 313.978



80, 42.342, 314.196



85, 36.333, 328.695



49, 8.130, 313.301



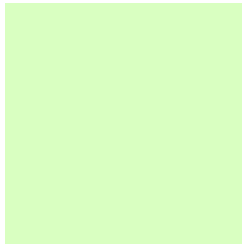
33, 98.136, 314.742



7, 44.611, 316.033

Previews

White Background



This preview shows how the CIE LCh color 96, 34.477, 131.812 looks on a white background.

Color Contrast Check

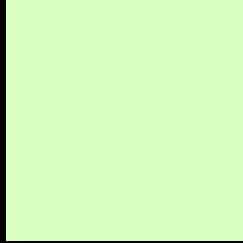
Large Text (above 18pt) WCAG AA × Fail

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, 34.477, 131.812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

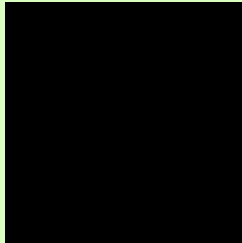
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

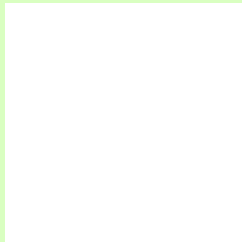
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 34.477, 131.812

Background



This preview shows how black text looks on a background with the CIELCh color 96, 34.477, 131.812.

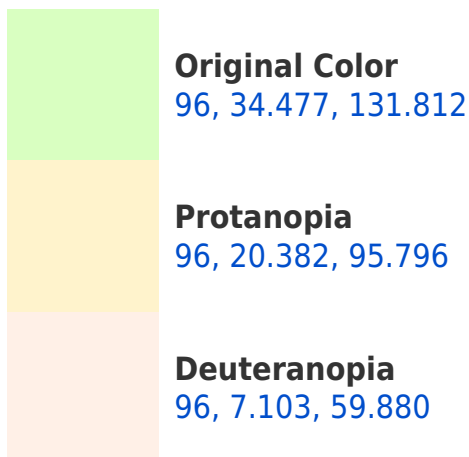


This preview shows how white text looks on a background with the CIELCh color 96, 34.477, 131.812.

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](#).

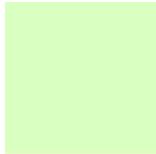
Dichromacy



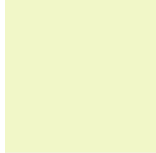


Tritanopia
96, 6.377, 261.736

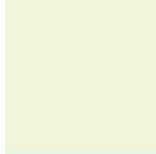
Trichromacy



Original Color
96, 34.477, 131.812



Protanomaly
96, 23.998, 113.700

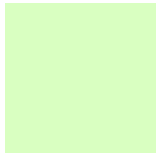


Deuteranomaly
96, 14.367, 114.916

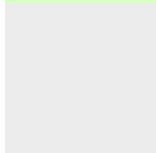


Tritanomaly
96, 10.887, 150.037

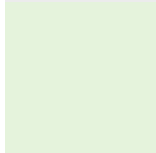
Monochromacy



Original Color
96, 34.477, 131.812



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 12.864, 132.385

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 34.477, 131.812 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(217, 255, 193)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 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(217, 255, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 34.477, 131.812 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(217, 255, 193) }
```

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

```
.border{ border-color:rgb(217, 255, 193) }
```

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

Here you see how a box with a 4 pixel rgb(217, 255, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 193);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 34.477, 131.812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 193) }
```

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

```
.background{ background-color: rgb(217,  
255, 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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