

Converting Colors

CIELCh(96, 32.410, 141.818)

Have a look what the booklet for
CIELCh(96, 32.410, 141.818)
contains.

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Color

CIElCh(96, 31.353, 141.667)

Conversions

Conversions Part 1

Format	Color
Hex	D0FFCD
RGB	208, 255, 205
RGB Percent	82%, 100%, 80%
CMY	0.1843, 0.0000, 0.1961
CMYK	0.18, 0.00, 0.20, 0.00
HSL	116°, 100%, 90%
HSV	116°, 20%, 100%
XYZ	73.1296, 90.0078, 71.2770
YIQ	235.2470, -11.9620, -25.5140

Conversions

Conversions Part 2

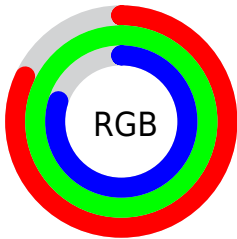
Format	Color
R_{YB}	205, 255, 252
Decimal	13696973
CIE _{Lab}	96.00, -24.59, 19.45
CIE _{LCh}	96, 31.353, 141.667
Yxy	90.0078, 0.3120, 0.3840
Android (android.graphics.Color)	4291887053 (0xFFD0FFCD)
YUV	235.2470, -14.9118, -23.8956
Hunter-Lab	94.8724, -28.4353, 21.8665

Details

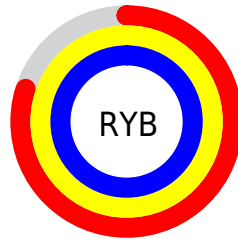
The CIELCh color **96, 31.353, 141.667** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **88, 30.811, 323.817**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 30.477, 141.834** is the 20% darker color. If you saturate the color by 10%, you get **94, 46.379, 140.911**, and if you desaturate by 10%, it is **98, 14.984, 142.311**.

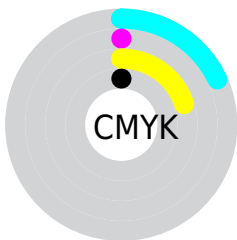
Distribution



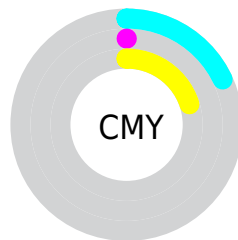
- Red (82%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (99%)



- Cyan (18%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 31.353, 141.667 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, 31.353, 141.667 by changing the saturation by 10% instead.


 96, 31.353,
141.667


 96, 31.353,
141.667


 100, 31.353,
141.667


 86, 31.353,
141.667

 76, 31.353,
141.667

 66, 31.353,
141.667

 56, 31.353,
141.667

 46, 31.353,
141.667

 36, 31.353,
141.667

 26, 31.353,

141.667

■ 16, 31.353,
141.667

■ 6, 31.353, 141.667

■ 96, 31.353,
141.667

■ 96, 31.353,
141.667

■ 94, 46.379,
140.911

■ 98, 14.984,
142.311

■ 92, 61.683,
140.061

100, 0.012,
296.813

■ 91, 76.258,
139.125

■ 90, 89.630,
138.145

■ 89, 101.210,
137.207

■ 88, 110.329,
136.439

■ 88, 116.400,
135.981

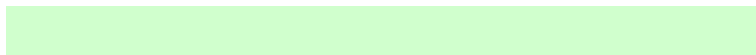
■ 88, 119.403,
135.848

■ 88, 119.489,
135.840

Harmonies

Complementary

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



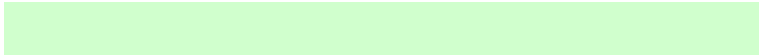
96, 31.353, 141.667



88, 30.811, 323.817

Rectangle

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



96, 31.353, 141.667



96, 31.353, 191.667



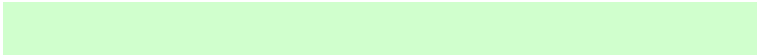
96, 31.353, 321.667



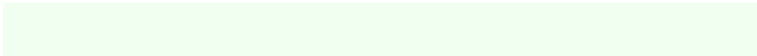
96, 31.353, 11.667

Sweetspot

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



96, 30.719, 141.659



99, 9.333, 142.531



98, 23.645, 105.336



52, 6.194, 142.491



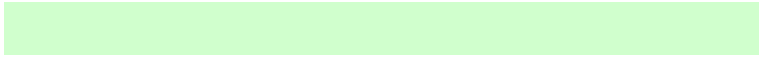
0, 0.000, 0.000



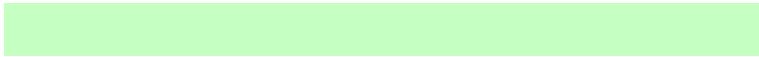
53, 0.007, 296.813

Same Dimension

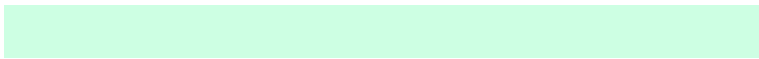
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 30.719, 141.659



95, 37.623, 141.343



96, 22.831, 158.585



52, 8.867, 142.317



68, 96.156, 135.776



23, 43.333, 135.946

Inverse Universe

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



88, 30.811, 323.817



85, 37.744, 324.042



87, 23.240, 341.829



50, 8.890, 323.288



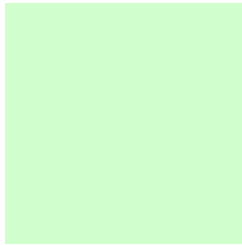
43, 93.396, 325.870



11, 42.944, 326.151

Previews

White Background



This preview shows how the CIE LCh color 96, 31.353, 141.667 looks on a white background.

Color Contrast Check

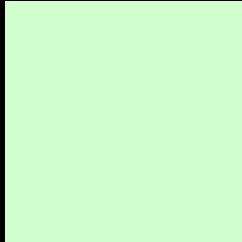
Large Text (above 18pt) WCAG AA × Fail

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, 31.353, 141.667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

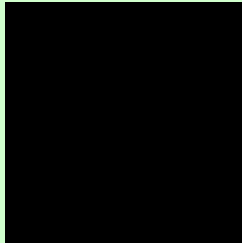
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

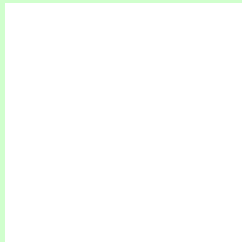
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 31.353, 141.667

Background



This preview shows how black text looks on a background with the CIELCh color 96, 31.353, 141.667.

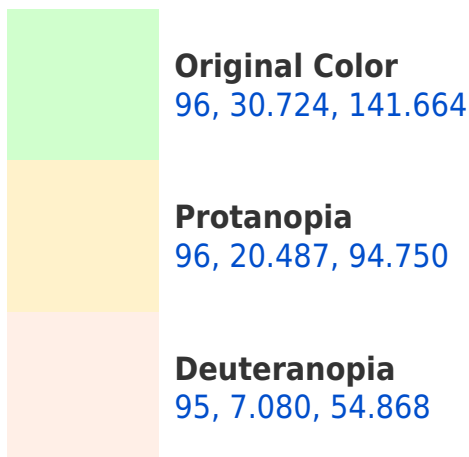


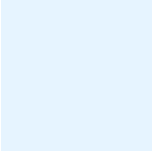
This preview shows how white text looks on a background with the CIELCh color 96, 31.353, 141.667.

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



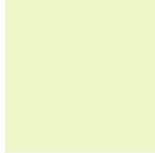


Tritanopia
95, 7.312, 249.923

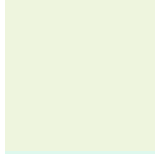
Trichromacy



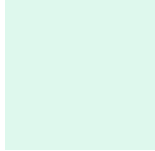
Original Color
96, 30.724, 141.664



Protanomaly
96, 22.145, 117.175



Deuteranomaly
95, 12.034, 121.436

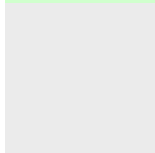


Tritanomaly
95, 10.756, 167.125

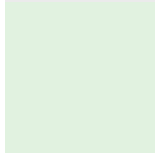
Monochromacy



Original Color
96, 30.724, 141.664



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 11.119, 142.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 31.353, 141.667 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(208, 255, 205)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 205)  
}
```

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(208, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 31.353, 141.667 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(208, 255, 205) }
```

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

```
.border{ border-color:rgb(208, 255, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 255, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 31.353, 141.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 205) }
```

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

```
.background{ background-color: rgb(208,  
255, 205) }
```

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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