

Converting Colors

CIELCh(96, 31.134, 143.140)

Have a look what the booklet for
CIELCh(96, 31.134, 143.140)
contains.

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Color

CIElCh(96, 30.498, 142.700)

Conversions

Conversions Part 1

Format	Color
Hex	D0FFCF
RGB	208, 255, 207
RGB Percent	82%, 100%, 81%
CMY	0.1847, 0.0000, 0.1887
CMYK	0.18, 0.00, 0.19, 0.00
HSL	119°, 100%, 91%
HSV	119°, 19%, 100%
XYZ	73.2895, 90.0078, 72.4715
YIQ	235.4750, -12.6040, -24.8920

Conversions

Conversions Part 2

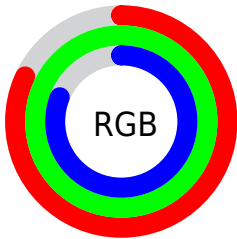
Format	Color
R _Y B	207, 255, 254
Decimal	13696975
CIE Lab	96.00, -24.26, 18.48
CIE LCh	96, 30.498, 142.700
Yxy	90.0078, 0.3109, 0.3818
Android (android.graphics.Color)	4291887055 (0xFFD0FFCF)
YUV	235.4750, -14.0382, -24.0956
Hunter-Lab	94.8724, -28.1346, 21.1201

Details

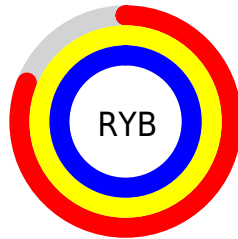
The CIELCh color **96, 30.498, 142.700** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **88, 29.979, 324.890**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 29.586, 142.960** is the 20% darker color. If you saturate the color by 10%, you get **94, 45.801, 141.923**, and if you desaturate by 10%, it is **98, 13.999, 143.396**.

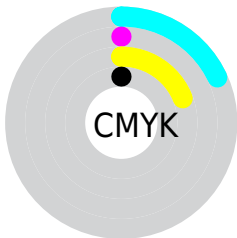
Distribution



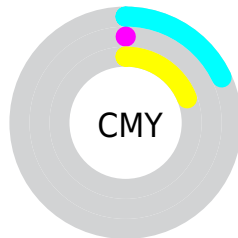
- Red (82%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 30.498, 142.700 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, 30.498, 142.700 by changing the saturation by 10% instead.


 96, 30.498,
142.700


 96, 30.498,
142.700


 100, 30.498,
142.700


 86, 30.498,
142.700

 76, 30.498,
142.700

 66, 30.498,
142.700

 56, 30.498,
142.700

 46, 30.498,
142.700

 36, 30.498,
142.700

 26, 30.498,

142.700

■ 16, 30.498,
142.700

■ 6, 30.498, 142.700

■ 96, 30.498,
142.700

■ 96, 30.498,
142.700

■ 94, 45.801,
141.923

■ 98, 13.999,
143.396

■ 92, 61.302,
141.018

100, 0.012,
296.813

■ 91, 76.052,
140.006

■ 90, 89.562,
138.925

■ 89, 101.238,
137.856

■ 88, 110.418,
136.927

■ 88, 116.515,
136.285

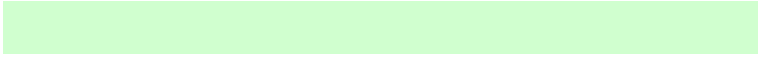
■ 88, 119.452,
135.989

■ 88, 119.683,
135.958

Harmonies

Complementary

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



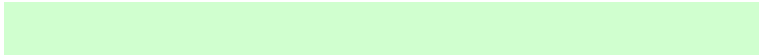
96, 30.498, 142.700



88, 29.979, 324.890

Rectangle

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



96, 30.498, 142.700



96, 30.498, 192.700



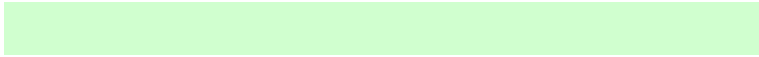
96, 30.498, 322.700



96, 30.498, 12.700

Sweetspot

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



96, 29.935, 142.712



99, 9.452, 143.580



99, 23.514, 106.924



52, 6.273, 143.538



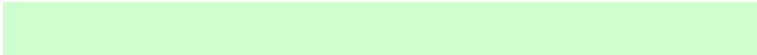
0, 0.000, 0.000



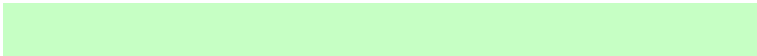
53, 0.007, 296.813

Same Dimension

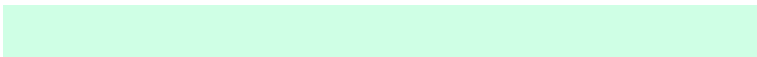
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 29.935, 142.712



95, 36.517, 142.400



96, 21.422, 160.287



52, 8.981, 143.355



68, 96.364, 135.933



22, 43.652, 136.488

Inverse Universe

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



88, 29.979, 324.890



86, 36.567, 325.113



88, 21.862, 343.491



50, 8.998, 324.376



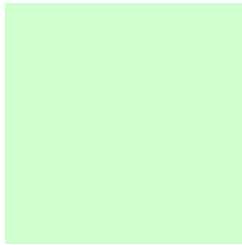
45, 93.169, 327.404



12, 42.857, 327.503

Previews

White Background



This preview shows how the CIE LCh color 96, 30.498, 142.700 looks on a white background.

Color Contrast Check

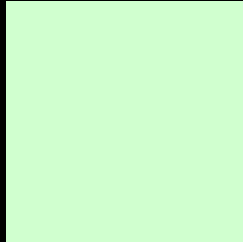
Large Text (above 18pt) WCAG AA × Fail

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, 30.498, 142.700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

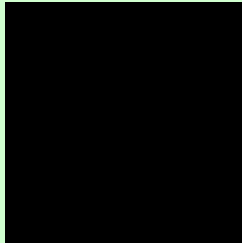
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

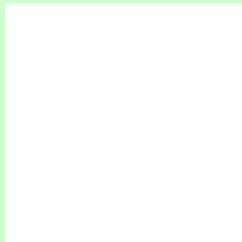
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 30.498, 142.700

Background



This preview shows how black text looks on a background with the CIELCh color 96, 30.498, 142.700.

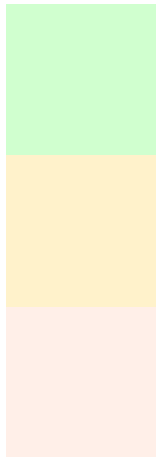


This preview shows how white text looks on a background with the CIELCh color 96, 30.498, 142.700.

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, 29.868, 142.718

Protanopia
96, 20.487, 94.750

Deuteranopia
96, 6.790, 51.400

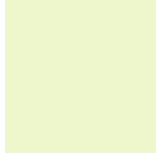


Tritanopia
96, 7.163, 245.075

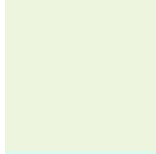
Trichromacy



Original Color
96, 29.868, 142.718



Protanomaly
96, 22.145, 117.175

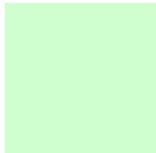


Deuteranomaly
96, 11.536, 121.989

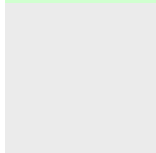


Tritanomaly
96, 11.040, 168.028

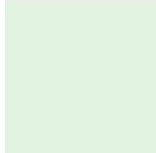
Monochromacy



Original Color
96, 29.868, 142.718



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 10.689, 144.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 30.498, 142.700 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 30.498, 142.700 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, 207) }
```

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

```
.border{ border-color:rgb(208, 255, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 30.498, 142.700 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, 207) }
```

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

```
.background{ background-color: rgb(208,  
255, 207) }
```

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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