

Converting Colors

CIELCh(96, 30.185, 138.460)

Have a look what the booklet for
CIELCh(96, 30.185, 138.460)
contains.

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Color

CIELCh(96, 30.194, 138.487)

Conversions

Conversions Part 1

Format	Color
Hex	D5FFCC
RGB	213, 255, 204
RGB Percent	84%, 100%, 80%
CMY	0.1648, 0.0001, 0.2001
CMYK	0.16, 0.00, 0.20, 0.00
HSL	109°, 100%, 90%
HSV	109°, 20%, 100%
XYZ	74.0840, 90.0078, 70.5821
YIQ	236.6280, -8.6610, -24.7650

Conversions

Conversions Part 2

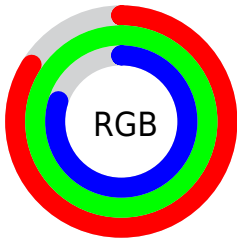
Format	Color
RYB	204, 255, 246
Decimal	14024652
CIELab	96.00, -22.61, 20.01
CIElCh	96, 30.194, 138.487
Yxy	90.0078, 0.3157, 0.3835
Android (android.graphics.Color)	4292214732 (0xFFD5FFCC)
YUV	236.6280, -16.0856, -20.7218
Hunter-Lab	94.8724, -26.6397, 22.3008

Details

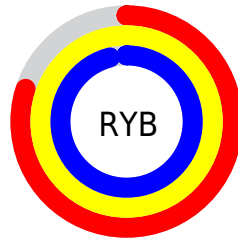
The CIELCh color **96, 30.194, 138.487** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **87, 30.450, 320.417**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 29.910, 138.525** is the 20% darker color. If you saturate the color by 10%, you get **94, 45.288, 137.861**, and if you desaturate by 10%, it is **98, 15.041, 139.048**.

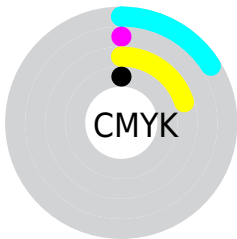
Distribution



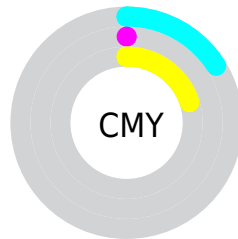
- Red (84%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (96%)



- Cyan (16%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 30.194, 138.487 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, 30.194, 138.487 by changing the saturation by 10% instead.


 96, 30.194,
138.487


 96, 30.194,
138.487


 100, 30.194,
138.487


 86, 30.194,
138.487

 76, 30.194,
138.487

 66, 30.194,
138.487

 56, 30.194,
138.487

 46, 30.194,
138.487

 36, 30.194,
138.487

 26, 30.194,

138.487

■ 16, 30.194,
138.487

■ 6, 30.194, 138.487

■ 96, 30.194,
138.487

■ 96, 30.194,
138.487

■ 94, 45.288,
137.861

■ 98, 15.041,
139.048

■ 93, 60.083,
137.172

100, 0.008,
287.442

■ 91, 74.264,
136.446

100, 0.021,
309.455

■ 90, 87.404,
135.737

■ 89, 98.950,
135.133

■ 89, 108.244,
134.762

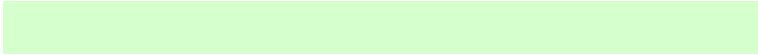
■ 88, 114.687,
134.751

■ 88, 118.258,
135.079

Harmonies

Complementary

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



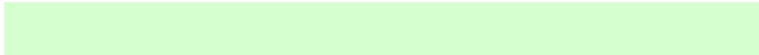
96, 30.194, 138.487



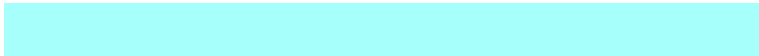
87, 30.450, 320.417

Rectangle

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



96, 30.194, 138.487



96, 30.194, 188.487



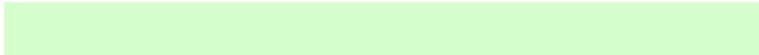
96, 30.194, 318.487



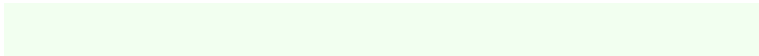
96, 30.194, 8.487

Sweetspot

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



96, 30.196, 138.488



99, 8.998, 139.261



97, 21.468, 99.086



53, 5.972, 139.226



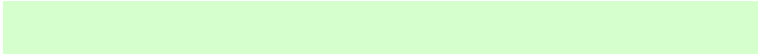
0, 0.000, 0.000



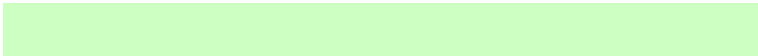
53, 0.007, 296.813

Same Dimension

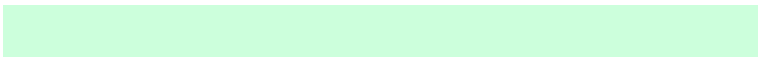
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 30.196, 138.488



95, 36.250, 138.245



96, 25.452, 153.433



52, 8.547, 139.075



68, 95.074, 134.936



23, 42.440, 134.330

Inverse Universe

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



87, 30.450, 320.417



84, 36.606, 320.602



87, 25.687, 336.401



50, 8.591, 319.925



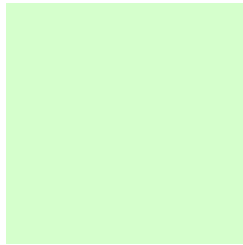
40, 94.548, 321.525



10, 43.376, 322.293

Previews

White Background



This preview shows how the CIE LCh color 96, 30.194, 138.487 looks on a white background.

Color Contrast Check

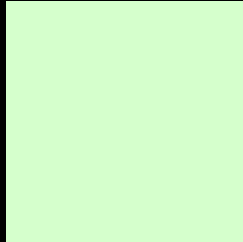
Large Text (above 18pt) WCAG AA × Fail

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, 30.194, 138.487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

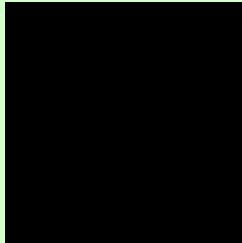
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

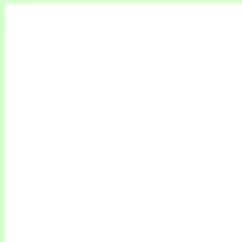
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 30.194, 138.487

Background



This preview shows how black text looks on a background with the CIELCh color 96, 30.194, 138.487.

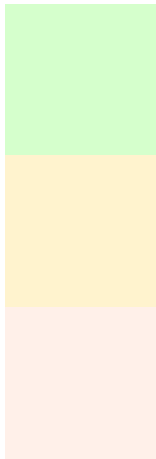


This preview shows how white text looks on a background with the CIELCh color 96, 30.194, 138.487.

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, 30.194, 138.487

Protanopia
96, 19.389, 95.245

Deuteranopia
96, 6.476, 53.090

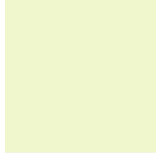


Tritanopia
96, 6.501, 251.484

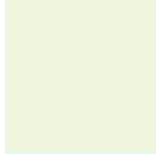
Trichromacy



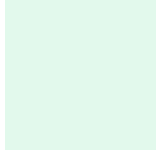
Original Color
96, 30.194, 138.487



Protanomaly
96, 21.533, 115.466

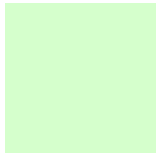


Deuteranomaly
96, 11.892, 118.045

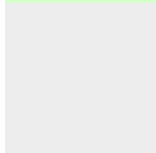


Tritanomaly
96, 10.531, 159.603

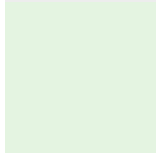
Monochromacy



Original Color
96, 30.194, 138.487



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 11.348, 139.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 30.194, 138.487 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 30.194, 138.487 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, 204) }
```

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

```
.border{ border-color:rgb(213, 255, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 255, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 255, 204);  
box-shadow:4px 4px 4px 4px rgb(213, 255,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 30.194, 138.487 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, 204) }
```

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

```
.background{ background-color: rgb(213,  
255, 204) }
```

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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