

Converting Colors

CIELCh(96, 32.563, 138.711)

Have a look what the booklet for
CIELCh(96, 32.563, 138.711)
contains.

CIELCh(96, 32.075, 138.692)	3
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Color

CIELCh(96, 32.075, 138.692)

Conversions

Conversions Part 1

Format	Color
Hex	D3FFCA
RGB	211, 255, 202
RGB Percent	83%, 100%, 79%
CMY	0.1738, 0.0000, 0.2092
CMYK	0.17, 0.00, 0.21, 0.00
HSL	110°, 100%, 90%
HSV	110°, 21%, 100%
XYZ	73.3693, 90.0078, 69.1718
YIQ	235.8020, -9.2110, -25.8110

Conversions

Conversions Part 2

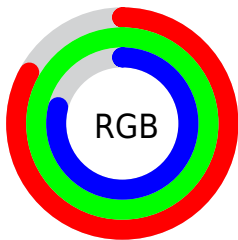
Format	Color
R_{YB}	202, 255, 246
Decimal	13893578
CIE _{Lab}	96.00, -24.09, 21.17
CIE _{LCh}	96, 32.075, 138.692
Yxy	90.0078, 0.3155, 0.3870
Android (android.graphics.Color)	4292083658 (0xFFD3FFCA)
YUV	235.8020, -16.6644, -21.7514
Hunter-Lab	94.8724, -27.9843, 23.1822

Details

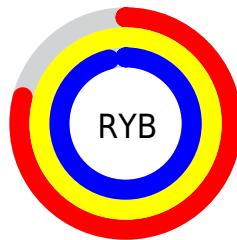
The CIELCh color **96, 32.075, 138.692** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **86, 31.923, 320.687**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 31.223, 138.646** is the 20% darker color. If you saturate the color by 10%, you get **94, 46.771, 138.005**, and if you desaturate by 10%, it is **98, 16.465, 139.217**.

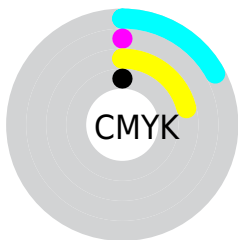
Distribution



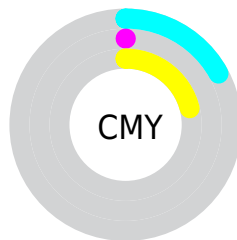
- Red (83%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (96%)



- Cyan (17%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 32.075, 138.692 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, 32.075, 138.692 by changing the saturation by 10% instead.


 96, 32.075,
138.692


 96, 32.075,
138.692


 100, 32.075,
138.692


 86, 32.075,
138.692

 76, 32.075,
138.692

 66, 32.075,
138.692

 56, 32.075,
138.692

 46, 32.075,
138.692

 36, 32.075,
138.692

 26, 32.075,

138.692

■ 16, 32.075,
138.692

■ 6, 32.075, 138.692

■ 96, 32.075,
138.692

■ 96, 32.075,
138.692

■ 94, 46.771,
138.005

■ 98, 16.465,
139.217

■ 93, 61.558,
137.302

■ 100, 1.365,
139.882

■ 91, 75.688,
136.562

■ 100, 0.012,
296.813

■ 90, 88.723,
135.842

■ 89, 100.093,
135.234

■ 89, 109.137,
134.868

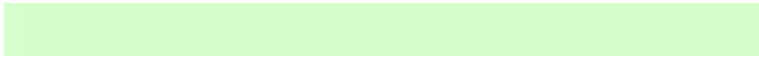
■ 88, 115.274,
134.868

■ 88, 118.376,
135.151

Harmonies

Complementary

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



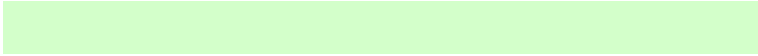
96, 32.075, 138.692



86, 31.923, 320.687

Rectangle

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



96, 32.075, 138.692



96, 32.075, 188.692



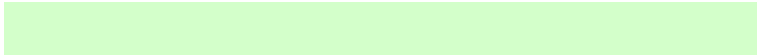
96, 32.075, 318.692



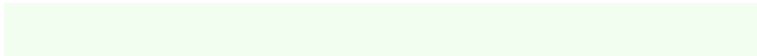
96, 32.075, 8.692

Sweetspot

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



96, 31.659, 138.645



99, 9.019, 139.480



96, 22.456, 98.978



53, 5.985, 139.445



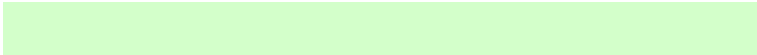
0, 0.000, 0.000



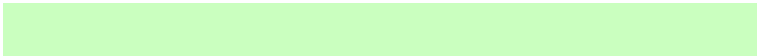
53, 0.007, 296.813

Same Dimension

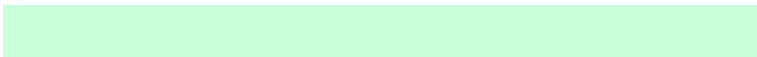
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 31.659, 138.645



95, 37.851, 138.392



96, 26.618, 153.351



52, 8.567, 139.293



68, 95.171, 135.013



23, 42.498, 134.440

Inverse Universe

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



86, 31.923, 320.687



84, 38.217, 320.876



87, 26.872, 336.473



50, 8.609, 320.149



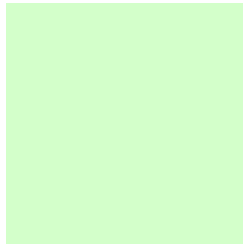
40, 94.453, 321.796



10, 43.341, 322.535

Previews

White Background



This preview shows how the CIELCh color 96, 32.075, 138.692 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, 32.075, 138.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

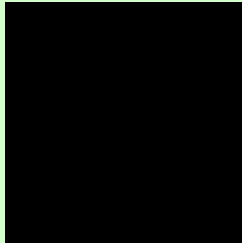
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

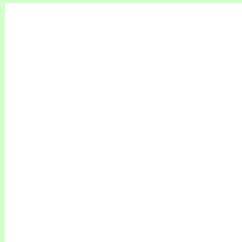
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 32.075, 138.692

Background



This preview shows how black text looks on a background with the CIELCh color 96, 32.075, 138.692.

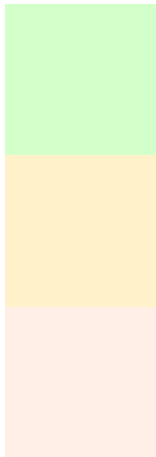


This preview shows how white text looks on a background with the CIELCh color 96, 32.075, 138.692.

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, 31.448, 138.628

Protanopia
96, 20.487, 94.750

Deuteranopia
95, 7.080, 54.868

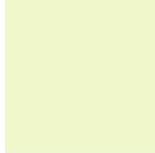


Tritanopia
96, 6.906, 254.251

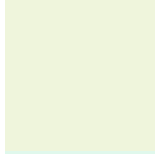
Trichromacy



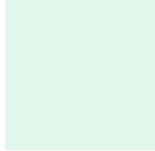
Original Color
96, 31.448, 138.628



Protanomaly
96, 22.587, 116.028

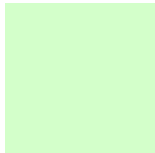


Deuteranomaly
96, 12.961, 118.882

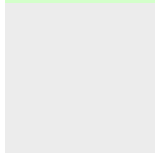


Tritanomaly
96, 10.486, 162.879

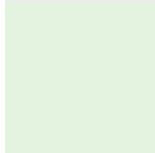
Monochromacy



Original Color
96, 31.448, 138.628



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 11.357, 139.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 32.075, 138.692 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(211, 255, 202)` looks like.

```
.text, #text, p{  
    color:rgb(211, 255, 202)  
}
```

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(211, 255, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 32.075, 138.692 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(211, 255, 202) }
```

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

```
.border{ border-color:rgb(211, 255, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 255, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 32.075, 138.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 202) }
```

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

```
.background{ background-color: rgb(211,  
255, 202) }
```

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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