

Converting Colors

CIELCh(99, 34.702, 143.298)

Have a look what the booklet for
CIELCh(99, 34.702, 143.298)
contains.

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Color

CIElCh(96, 27.762, 143.915)

Conversions

Conversions Part 1

Format	Color
Hex	D2FFD3
RGB	210, 255, 211
RGB Percent	82%, 100%, 83%
CMY	0.1761, 0.0000, 0.1722
CMYK	0.18, 0.00, 0.17, 0.00
HSL	121°, 100%, 91%
HSV	121°, 18%, 100%
XYZ	74.1679, 90.0078, 75.1560
YIQ	236.5290, -12.6960, -23.2240

Conversions

Conversions Part 2

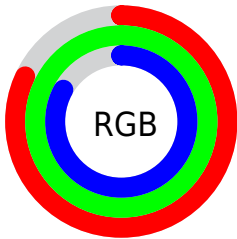
Format	Color
RYB	210, 254, 255
Decimal	13828051
CIELab	96.00, -22.44, 16.35
CIElCh	96, 27.762, 143.915
Yxy	90.0078, 0.3099, 0.3761
Android (android.graphics.Color)	4292018131 (0xFFD2FFD3)
YUV	236.5290, -12.5858, -23.2659
Hunter-Lab	94.8724, -26.4817, 19.4424

Details

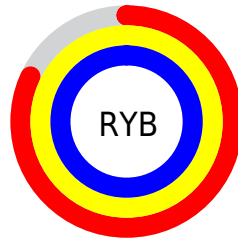
The CIELCh color **96, 27.762, 143.915** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **89, 27.726, 326.012**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 27.825, 143.654** is the 20% darker color. If you saturate the color by 10%, you get **94, 43.457, 143.113**, and if you desaturate by 10%, it is **98, 11.903, 144.617**.

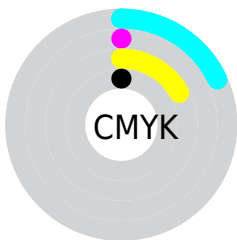
Distribution



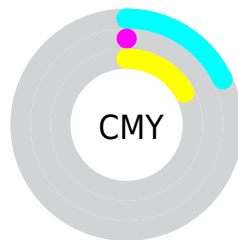
- Red (82%)
- Green (100%)
- Blue (83%)



- Red (82%)
- Yellow (100%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 27.762, 143.915 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, 27.762, 143.915 by changing the saturation by 10% instead.


 96, 27.762,
143.915


 96, 27.762,
143.915


 100, 27.762,
143.915


 86, 27.762,
143.915

 76, 27.762,
143.915

 66, 27.762,
143.915

 56, 27.762,
143.915

 46, 27.762,
143.915

 36, 27.762,
143.915

 26, 27.762,

143.915

■ 16, 27.762,
143.915

■ 6, 27.762, 143.915

■ 96, 27.762,
143.915

■ 96, 27.762,
143.915

■ 94, 43.457,
143.113

■ 98, 11.903,
144.617

■ 92, 58.890,
142.181

100, 0.012,
296.813

■ 91, 73.629,
141.123

■ 90, 87.216,
139.965

■ 89, 99.105,
138.770

■ 88, 108.687,
137.648

■ 88, 115.391,
136.747

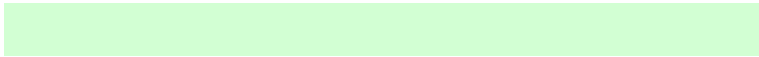
■ 88, 118.946,
136.198

■ 88, 119.426,
136.137

Harmonies

Complementary

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



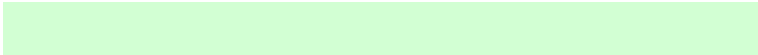
96, 27.762, 143.915



89, 27.726, 326.012

Rectangle

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



96, 27.762, 143.915



96, 27.762, 193.915



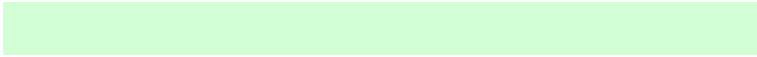
96, 27.762, 323.915



96, 27.762, 13.915

Sweetspot

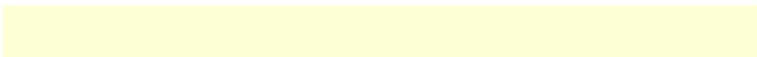
The Sweet Spot groups the original color and five complimentary colors.



96, 27.700, 143.919



99, 7.804, 144.791



99, 22.683, 109.163



53, 5.328, 144.744



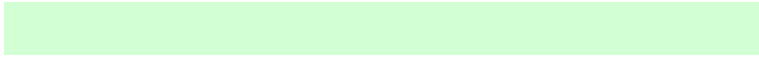
0, 0.000, 0.000



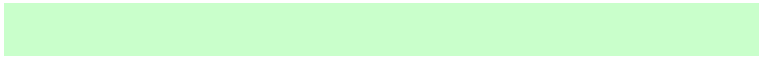
53, 0.007, 296.813

Same Dimension

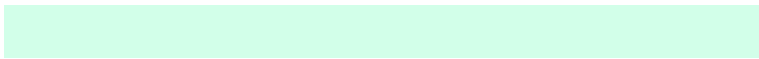
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 27.700, 143.919



95, 33.061, 143.659



96, 19.264, 163.014



52, 8.907, 144.491



68, 96.068, 136.189



22, 43.334, 137.194

Inverse Universe

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



89, 27.726, 326.012



87, 33.085, 326.203



89, 19.735, 346.111



50, 8.921, 325.549



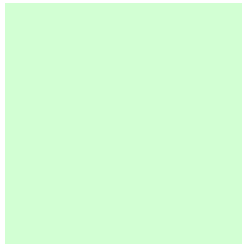
45, 91.469, 329.139



12, 42.169, 329.028

Previews

White Background



This preview shows how the CIELCh color 96, 27.762, 143.915 looks on a white background.

Color Contrast Check

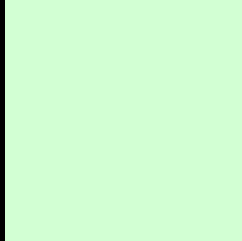
Large Text (above 18pt) WCAG AA × Fail

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, 27.762, 143.915 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

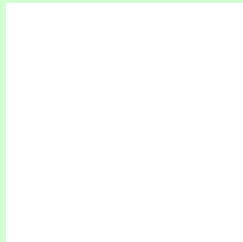
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 27.762, 143.915

Background



This preview shows how black text looks on a background with the CIELCh color 96, 27.762, 143.915.

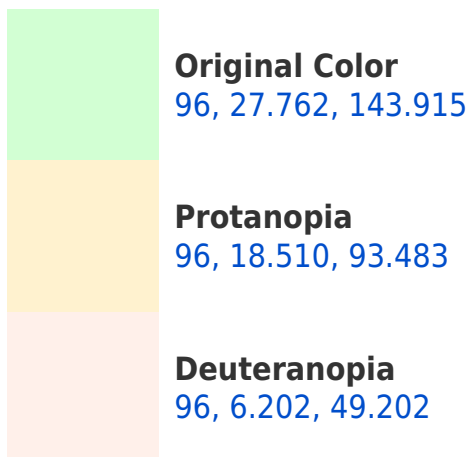


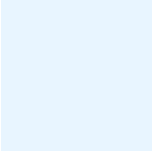
This preview shows how white text looks on a background with the CIELCh color 96, 27.762, 143.915.

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



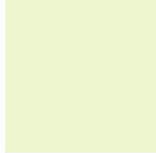


Tritanopia
96, 6.712, 249.205

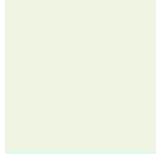
Trichromacy



Original Color
96, 27.762, 143.915



Protanomaly
96, 20.084, 117.118

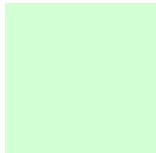


Deuteranomaly
96, 9.958, 121.968

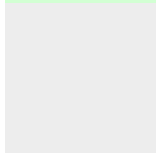


Tritanomaly
96, 10.173, 168.558

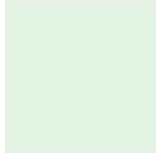
Monochromacy



Original Color
96, 27.762, 143.915



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 10.250, 145.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 27.762, 143.915 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(210, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 211)  
}
```

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(210, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 27.762, 143.915 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(210, 255, 211) }
```

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

```
.border{ border-color:rgb(210, 255, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 27.762, 143.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 211) }
```

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

```
.background{ background-color: rgb(210,  
255, 211) }
```

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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