

Converting Colors

CIELCh(96, 27.411, 153.125)

Have a look what the booklet for
CIELCh(96, 27.411, 153.125)
contains.

CIELCh(96, 26.367, 153.528)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(96, 26.367, 153.528)

Conversions

Conversions Part 1

Format	Color
Hex	CBFFDC
RGB	203, 255, 220
RGB Percent	80%, 100%, 86%
CMY	0.2041, 0.0000, 0.1374
CMYK	0.20, 0.00, 0.14, 0.00
HSL	140°, 100%, 90%
HSV	140°, 20%, 100%
XYZ	73.6054, 90.0078, 81.1752
YIQ	235.4620, -19.7570, -21.9090

Conversions

Conversions Part 2

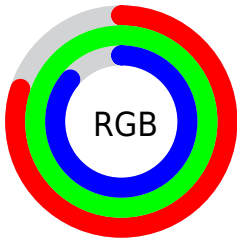
Format	Color
R_{YB}	203, 242, 255
Decimal	13369308
CIE _{Lab}	96.00, -23.60, 11.75
CIE _{LCh}	96, 26.367, 153.528
Yxy	90.0078, 0.3007, 0.3677
Android (android.graphics.Color)	4291559388 (0xFFCBBFFDC)
YUV	235.4620, -7.6228, -28.4692
Hunter-Lab	94.8724, -27.5402, 15.6807

Details

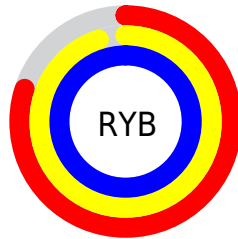
The CIELCh color **96, 26.367, 153.528** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **87, 26.032, 336.869**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 25.698, 153.932** is the 20% darker color. If you saturate the color by 10%, you get **94, 38.322, 152.839**, and if you desaturate by 10%, it is **98, 13.114, 154.656**.

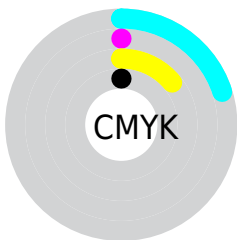
Distribution



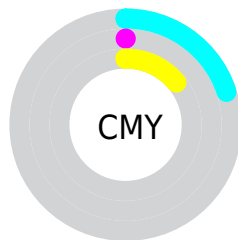
- Red (80%)
- Green (100%)
- Blue (86%)



- Red (80%)
- Yellow (95%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 26.367, 153.528 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, 26.367, 153.528 by changing the saturation by 10% instead.


 96, 26.367,
153.528


 96, 26.367,
153.528


 100, 26.367,
153.528


 86, 26.367,
153.528

 76, 26.367,
153.528

 66, 26.367,
153.528

 56, 26.367,
153.528

 46, 26.367,
153.528

 36, 26.367,
153.528

 26, 26.367,

153.528

■ 16, 26.367,
153.528

■ 6, 26.367, 153.528

■ 96, 26.367,
153.528

■ 96, 26.367,
153.528

■ 94, 38.322,
152.839

■ 98, 13.114,
154.656

■ 92, 50.558,
151.731

■ 100, 0.504,
156.185

■ 91, 62.253,
150.457

■ 100, 0.012,
296.813

■ 90, 73.165,
148.996

■ 89, 83.064,
147.339

■ 89, 91.764,
145.494

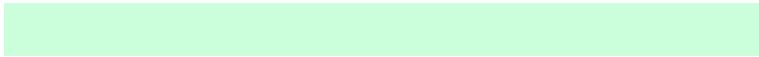
■ 88, 99.153,
143.501

■ 88, 105.040,
141.561

Harmonies

Complementary

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



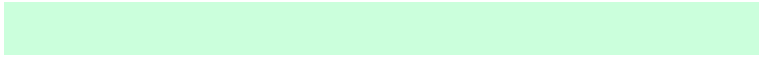
96, 26.367, 153.528



87, 26.032, 336.869

Rectangle

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



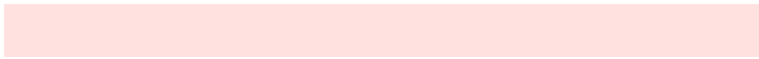
96, 26.367, 153.528



96, 26.367, 203.528



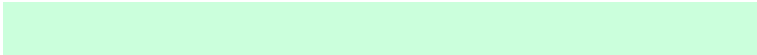
96, 26.367, 333.528



96, 26.367, 23.528

Sweetspot

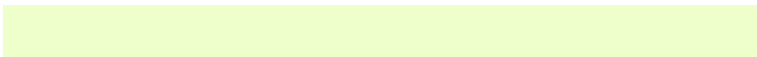
The Sweet Spot groups the original color and five complimentary colors.



96, 25.774, 153.804



99, 7.539, 155.015



98, 27.039, 121.268



53, 5.003, 154.961



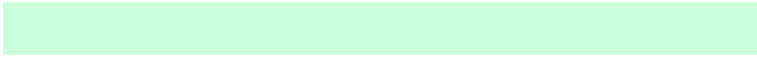
0, 0.000, 0.000



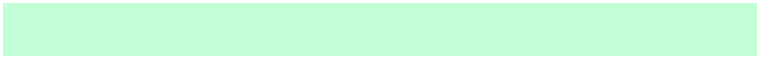
53, 0.007, 296.813

Same Dimension

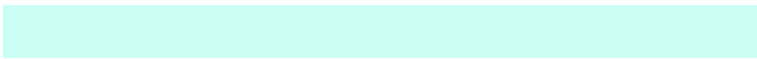
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 25.774, 153.804



95, 30.302, 153.472



96, 18.282, 182.714



52, 7.160, 154.730



68, 83.875, 141.938



23, 36.106, 144.905

Inverse Universe

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



87, 26.032, 336.869



85, 30.646, 337.158



86, 19.957, 6.601



50, 7.202, 336.025



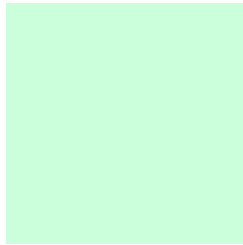
42, 73.102, 346.963



11, 34.467, 344.018

Previews

White Background



This preview shows how the CIE LCh color 96, 26.367, 153.528 looks on a white background.

Color Contrast Check

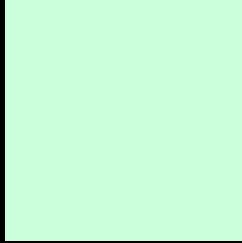
Large Text (above 18pt) WCAG AA × Fail

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, 26.367, 153.528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

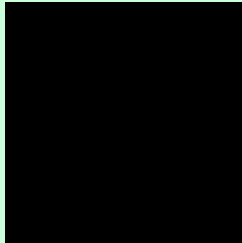
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

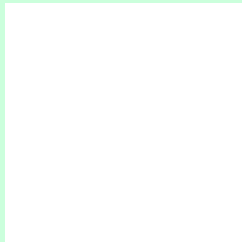
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 26.367, 153.528

Background



This preview shows how black text looks on a background with the CIELCh color 96, 26.367, 153.528.

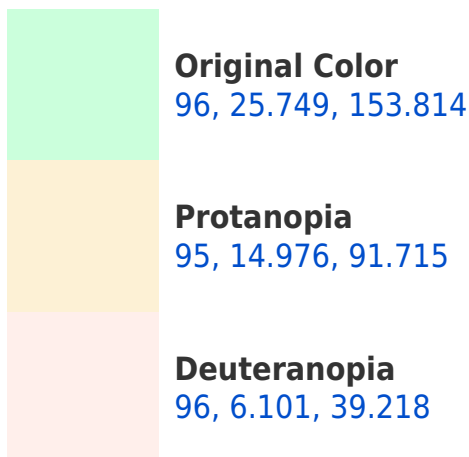


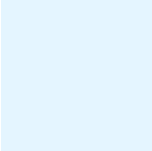
This preview shows how white text looks on a background with the CIELCh color 96, 26.367, 153.528.

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



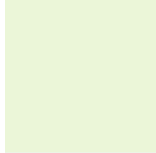


Tritanopia
96, 7.642, 241.459

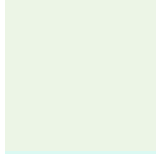
Trichromacy



Original Color
96, 25.749, 153.814



Protanomaly
95, 15.853, 123.652

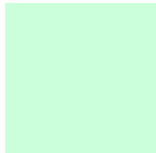


Deuteranomaly
96, 8.345, 132.248

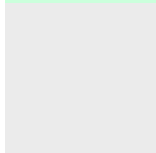


Tritanomaly
96, 11.010, 179.685

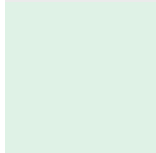
Monochromacy



Original Color
96, 25.749, 153.814



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 9.180, 156.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 26.367, 153.528 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(203, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(203, 255, 220)  
}
```

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(203, 255, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 255, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 26.367, 153.528 is called "border". The border property can be set on classes, ids or directly on the HTML element.

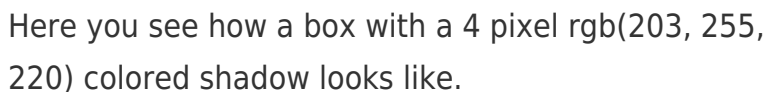
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 255, 220) }
```

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

```
.border{ border-color:rgb(203, 255, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 255, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 255, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 255, 220); box-shadow:4px 4px 4px 4px rgb(203, 255, 220) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 26.367, 153.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 255, 220) }
```

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

```
.background{ background-color: rgb(203,  
255, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor