

Converting Colors

CIELCh(96, 28.249, 143.605)

Have a look what the booklet for
CIELCh(96, 28.249, 143.605)
contains.

CIELCh(96, 28.185, 143.325)	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, 28.185, 143.325)

Conversions

Conversions Part 1

Format	Color
Hex	D2FFD2
RGB	210, 255, 210
RGB Percent	82%, 100%, 82%
CMY	0.1759, 0.0000, 0.1759
CMYK	0.18, 0.00, 0.18, 0.00
HSL	120°, 100%, 91%
HSV	120°, 18%, 100%
XYZ	74.0859, 90.0078, 74.5418
YIQ	236.4150, -12.3750, -23.5350

Conversions

Conversions Part 2

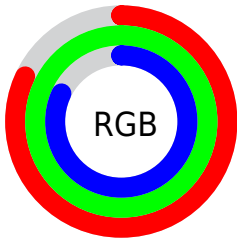
Format	Color
RYB	210, 255, 255
Decimal	13828050
CIELab	96.00, -22.61, 16.83
CIELCh	96, 28.185, 143.325
Yxy	90.0078, 0.3105, 0.3772
Android (android.graphics.Color)	4292018130 (0xFFD2FFD2)
YUV	236.4150, -13.0226, -23.1660
Hunter-Lab	94.8724, -26.6360, 19.8262

Details

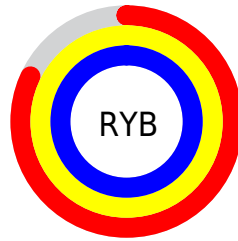
The CIELCh color **96, 28.185, 143.325** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **89, 28.109, 325.403**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 28.268, 143.039** is the 20% darker color. If you saturate the color by 10%, you get **94, 44.080, 142.529**, and if you desaturate by 10%, it is **98, 12.049, 144.022**.

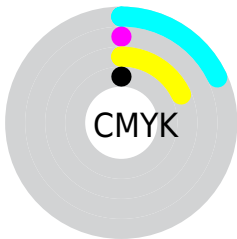
Distribution



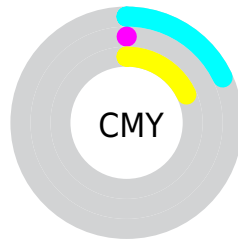
- Red (82%)
- Green (100%)
- Blue (82%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 28.185, 143.325 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, 28.185, 143.325 by changing the saturation by 10% instead.


 96, 28.185,
143.325


 96, 28.185,
143.325


 100, 28.185,
143.325


 86, 28.185,
143.325

 76, 28.185,
143.325

 66, 28.185,
143.325

 56, 28.185,
143.325

 46, 28.185,
143.325

 36, 28.185,
143.325

 26, 28.185,

143.325

■ 16, 28.185,
143.325

■ 6, 28.185, 143.325

■ 96, 28.185,
143.325

■ 96, 28.185,
143.325

■ 94, 44.080,
142.529

■ 98, 12.049,
144.022

■ 92, 59.734,
141.604

100, 0.012,
296.813

■ 91, 74.661,
140.560

■ 90, 88.374,
139.430

■ 89, 100.286,
138.285

■ 88, 109.740,
137.252

■ 88, 116.136,
136.482

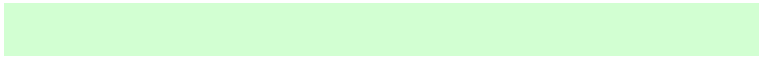
■ 88, 119.286,
136.080

■ 88, 119.778,
136.016

Harmonies

Complementary

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



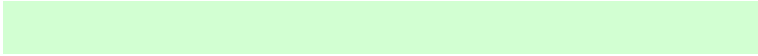
96, 28.185, 143.325



89, 28.109, 325.403

Rectangle

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



96, 28.185, 143.325



96, 28.185, 193.325



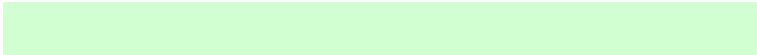
96, 28.185, 323.325



96, 28.185, 13.325

Sweetspot

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



96, 28.086, 143.329



99, 7.923, 144.194



99, 22.287, 107.769



53, 5.409, 144.147



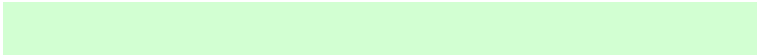
0, 0.000, 0.000



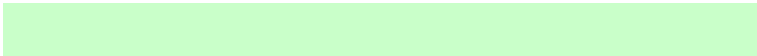
53, 0.007, 296.813

Same Dimension

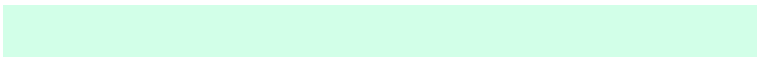
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 28.086, 143.329



95, 33.565, 143.069



96, 19.724, 161.258



52, 9.043, 143.896



68, 96.475, 136.016



22, 43.825, 136.776

Inverse Universe

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



89, 28.109, 325.403



87, 33.585, 325.592



89, 20.136, 344.263



50, 9.057, 324.946



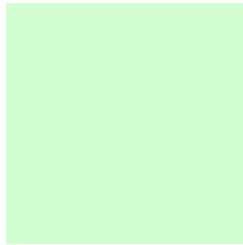
45, 93.083, 328.232



12, 42.823, 328.232

Previews

White Background



This preview shows how the CIE LCh color 96, 28.185, 143.325 looks on a white background.

Color Contrast Check

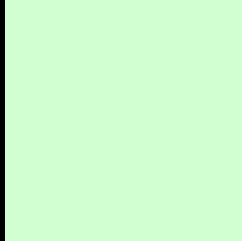
Large Text (above 18pt) WCAG AA × Fail

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, 28.185, 143.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

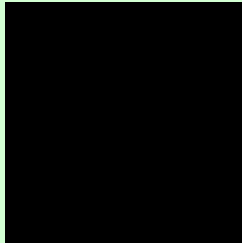
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

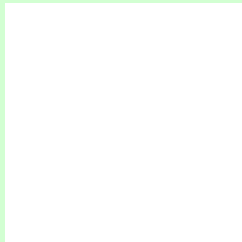
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 28.185, 143.325

Background



This preview shows how black text looks on a background with the CIELCh color 96, 28.185, 143.325.

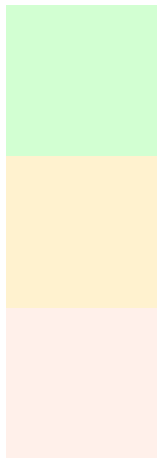


This preview shows how white text looks on a background with the CIELCh color 96, 28.185, 143.325.

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, 28.185, 143.325

Protanopia
96, 18.510, 93.483

Deuteranopia
96, 6.202, 49.202

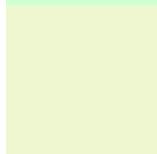


Tritanopia
96, 6.712, 249.205

Trichromacy



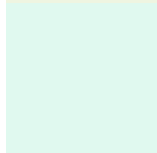
Original Color
96, 28.185, 143.325



Protanomaly
96, 20.084, 117.118



Deuteranomaly
96, 10.457, 121.340

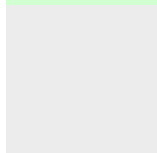


Tritanomaly
96, 10.173, 168.558

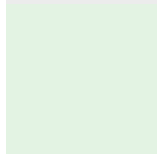
Monochromacy



Original Color
96, 28.185, 143.325



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 10.049, 144.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 28.185, 143.325 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, 210)` looks like.

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

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, 210) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 96, 28.185, 143.325 is called "border". The border property can be set on classes, ids or directly on the HTML element.

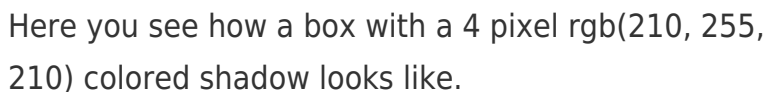
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 255, 210) }
```

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

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

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, 210)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 96, 28.185, 143.325 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, 210) }
```

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

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

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