

Converting Colors

CIELCh(96, 25.204, 151.326)

Have a look what the booklet for
CIELCh(96, 25.204, 151.326)
contains.

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Color

CIElCh(96, 25.176, 150.978)

Conversions

Conversions Part 1

Format	Color
Hex	CFFFDB
RGB	207, 255, 219
RGB Percent	81%, 100%, 86%
CMY	0.1877, 0.0000, 0.1407
CMYK	0.19, 0.00, 0.14, 0.00
HSL	135°, 100%, 91%
HSV	135°, 19%, 100%
XYZ	74.3716, 90.0078, 80.5582
YIQ	236.5440, -17.0520, -21.3720

Conversions

Conversions Part 2

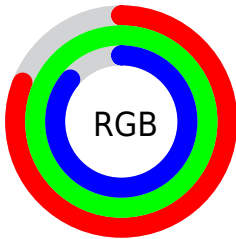
Format	Color
R_{YB}	207, 245, 255
Decimal	13631451
CIE _{Lab}	96.00, -22.01, 12.21
CIE _{LCh}	96, 25.176, 150.978
Yxy	90.0078, 0.3036, 0.3675
Android (android.graphics.Color)	4291821531 (0xFFCFFFDB)
YUV	236.5440, -8.6492, -25.9101
Hunter-Lab	94.8724, -26.0985, 16.0663

Details

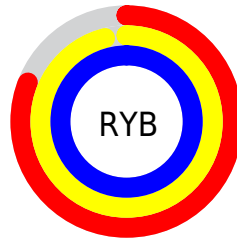
The CIELCh color **96, 25.176, 150.978** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **88, 25.238, 333.611**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 25.108, 151.024** is the 20% darker color. If you saturate the color by 10%, you get **94, 38.448, 150.103**, and if you desaturate by 10%, it is **98, 11.681, 151.802**.

Distribution



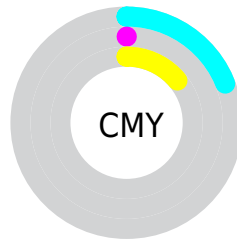
- Red (81%)
- Green (100%)
- Blue (86%)



- Red (81%)
- Yellow (96%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 25.176, 150.978 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, 25.176, 150.978 by changing the saturation by 10% instead.


 96, 25.176,
150.978


 96, 25.176,
150.978


 100, 25.176,
150.978


 86, 25.176,
150.978

 76, 25.176,
150.978

 66, 25.176,
150.978

 56, 25.176,
150.978

 46, 25.176,
150.978

 36, 25.176,
150.978

 26, 25.176,

150.978

■ 16, 25.176,
150.978

■ 6, 25.176, 150.978

■ 96, 25.176,
150.978

■ 96, 25.176,
150.978

■ 94, 38.448,
150.103

■ 98, 11.681,
151.802

■ 93, 51.525,
149.059

100, 0.012,
296.813

■ 91, 64.079,
147.854

■ 90, 75.834,
146.473

■ 89, 86.511,
144.914

■ 89, 95.854,
143.198

■ 88, 103.662,
141.381

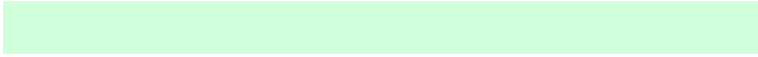
■ 88, 109.831,
139.581

■ 88, 110.495,
139.382

Harmonies

Complementary

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



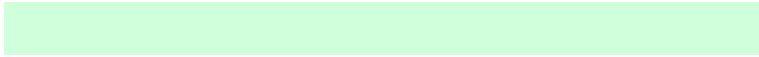
96, 25.176, 150.978



88, 25.238, 333.611

Rectangle

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



96, 25.176, 150.978



96, 25.176, 200.978



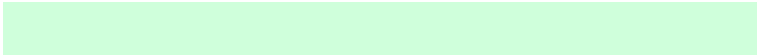
96, 25.176, 330.978



96, 25.176, 20.978

Sweetspot

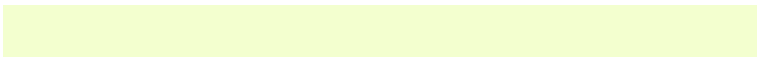
The Sweet Spot groups the original color and five complimentary colors.



96, 25.096, 151.007



99, 7.972, 152.014



98, 24.626, 118.723



52, 5.291, 151.963



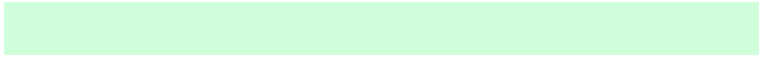
0, 0.000, 0.000



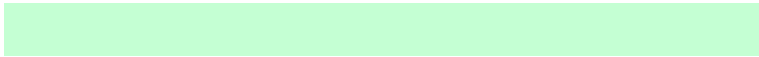
53, 0.007, 296.813

Same Dimension

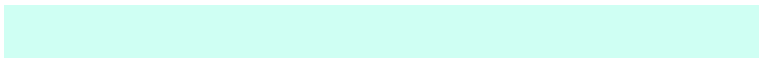
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 25.096, 151.007



95, 30.758, 150.640



97, 17.492, 177.768



52, 7.573, 151.746



68, 88.315, 139.710



23, 38.176, 142.408

Inverse Universe

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



88, 25.238, 333.611



86, 30.955, 333.914



88, 18.669, 1.430



50, 7.603, 332.959



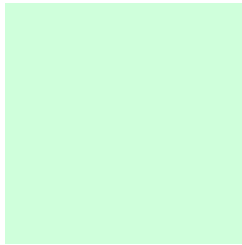
43, 76.812, 341.445



11, 36.106, 339.467

Previews

White Background



This preview shows how the CIELCh color 96, 25.176, 150.978 looks on a white background.

Color Contrast Check

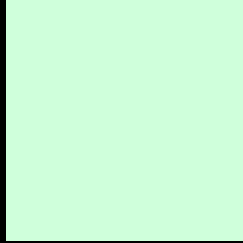
Large Text (above 18pt) WCAG AA × Fail

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, 25.176, 150.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

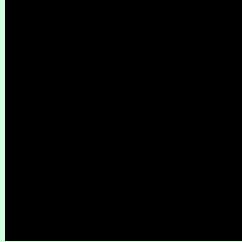
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

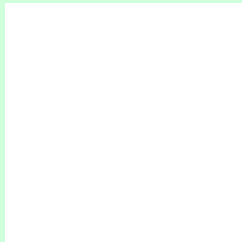
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 25.176, 150.978

Background



This preview shows how black text looks on a background with the CIELCh color 96, 25.176, 150.978.

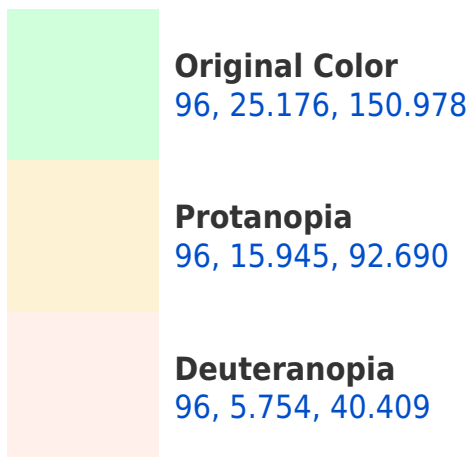


This preview shows how white text looks on a background with the CIELCh color 96, 25.176, 150.978.

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



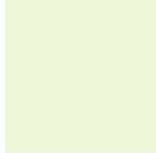


Tritanopia
96, 6.933, 247.072

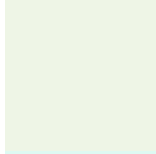
Trichromacy



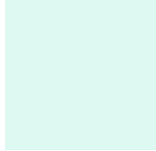
Original Color
96, 25.176, 150.978



Protanomaly
96, 16.738, 121.542

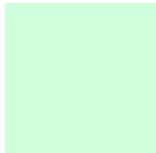


Deuteranomaly
96, 8.085, 127.633

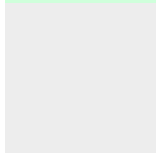


Tritanomaly
96, 10.061, 177.895

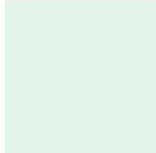
Monochromacy



Original Color
96, 25.176, 150.978



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 9.281, 152.939

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 25.176, 150.978 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(207, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(207, 255, 219)  
}
```

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(207, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 25.176, 150.978 is called "border". The border property can be set on classes, ids or directly on the HTML element.

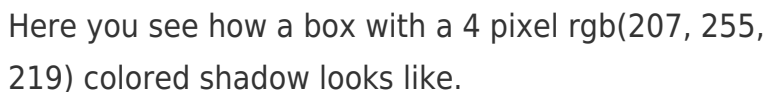
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 255, 219) }
```

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

```
.border{ border-color:rgb(207, 255, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 255, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 255, 219); box-shadow:4px 4px 4px 4px rgb(207, 255, 219) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 25.176, 150.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 255, 219) }
```

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

```
.background{ background-color: rgb(207,  
255, 219) }
```

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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