

Converting Colors

CIELCh(96, 15.924, 179.182)

Have a look what the booklet for
CIELCh(96, 15.924, 179.182)
contains.

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Color

CIELCh(96, 16.134, 177.910)

Conversions

Conversions Part 1

Format	Color
Hex	D1FDF2
RGB	209, 253, 242
RGB Percent	82%, 99%, 95%
CMY	0.1813, 0.0088, 0.0519
CMYK	0.17, 0.00, 0.04, 0.01
HSL	165°, 91%, 90%
HSV	165°, 17%, 99%
XYZ	77.2612, 90.0078, 97.1100
YIQ	238.5900, -22.6930, -12.7490

Conversions

Conversions Part 2

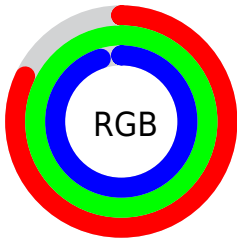
Format	Color
R _Y B	209, 234, 253
Decimal	13762034
CIE Lab	96.00, -16.12, 0.59
CIE LCh	96, 16.134, 177.910
Yxy	90.0078, 0.2922, 0.3404
Android (android.graphics.Color)	4291952114 (0xFFD1FDF2)
YUV	238.5900, 1.6811, -25.9504
Hunter-Lab	94.8724, -20.6619, 5.7223

Details

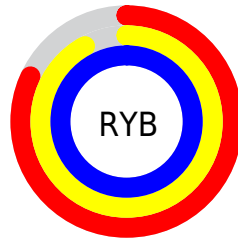
The CIELCh color **96, 16.134, 177.910** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 17.135, 1.262**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 15.954, 178.415** is the 20% darker color. If you saturate the color by 10%, you get **94, 24.980, 176.861**, and if you desaturate by 10%, it is **98, 6.945, 178.919**.

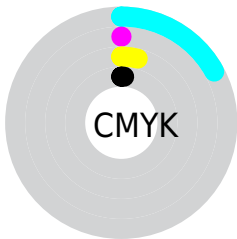
Distribution



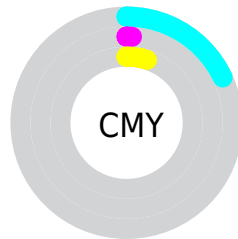
- Red (82%)
- Green (99%)
- Blue (95%)



- Red (82%)
- Yellow (92%)
- Blue (99%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)





- Cyan (18%)
- Magenta (1%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 16.134, 177.910 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, 16.134, 177.910 by changing the saturation by 10% instead.


 96, 16.134,
177.910


 96, 16.134,
177.910


 100, 16.134,
177.910


 86, 16.134,
177.910


 76, 16.134,
177.910

 66, 16.134,
177.910

 56, 16.134,
177.910

 46, 16.134,
177.910

 36, 16.134,
177.910

 26, 16.134,

177.910

■ 16, 16.134,
177.910

■ 6, 16.134, 177.910

■ 96, 16.134,
177.910

■ 96, 16.134,
177.910

■ 94, 24.980,
176.861

■ 98, 6.945, 178.919

■ 99, 1.160, 332.829

■ 93, 33.323,
175.742

■ 99, 1.403, 324.270

■ 92, 41.003,
174.526

■ 91, 47.867,
173.189

■ 90, 53.787,
171.706

■ 90, 58.689,
170.051

■ 89, 62.575,
168.206

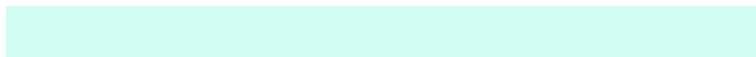
■ 89, 65.554,
166.176

■ 89, 66.253,
165.643

Harmonies

Complementary

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



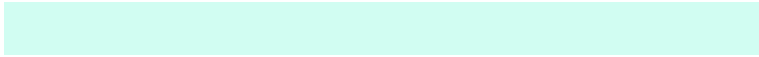
96, 16.134, 177.910



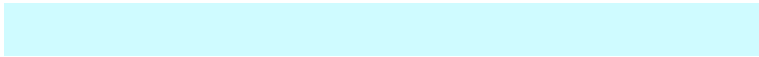
88, 17.135, 1.262

Rectangle

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



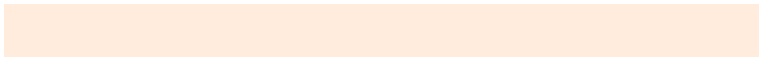
96, 16.134, 177.910



96, 16.134, 227.910



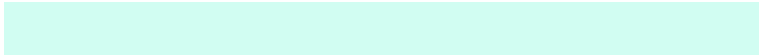
96, 16.134, 357.910



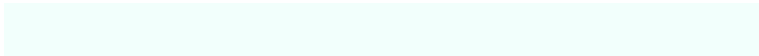
96, 16.134, 47.910

Sweetspot

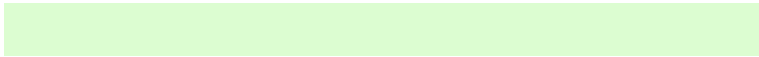
The Sweet Spot groups the original color and five complimentary colors.



96, 16.136, 177.905



99, 4.730, 179.183



96, 25.363, 135.979



53, 3.226, 179.103



0, 0.000, 0.000



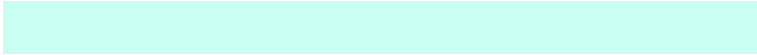
53, 0.007, 296.813

Same Dimension

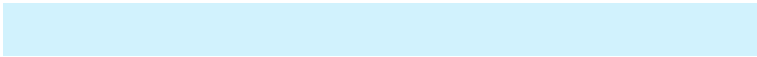
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 16.136, 177.905



96, 19.500, 177.536



94, 12.305, 224.362



52, 5.359, 178.702



69, 53.431, 166.021



23, 23.649, 168.819

Inverse Universe

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



88, 17.135, 1.262



86, 20.983, 1.702



90, 13.748, 42.813



50, 5.536, 0.368



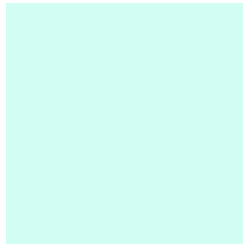
40, 72.623, 25.619



10, 31.700, 15.987

Previews

White Background



This preview shows how the CIE LCh color 96, 16.134, 177.910 looks on a white background.

Color Contrast Check

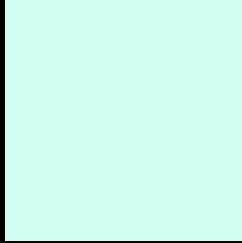
Large Text (above 18pt) WCAG AA × Fail

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, 16.134, 177.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

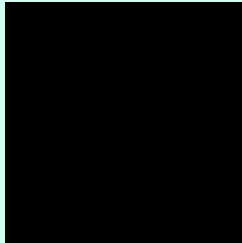
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

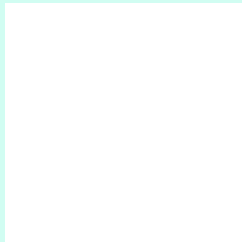
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 16.134, 177.910

Background



This preview shows how black text looks on a background with the CIELCh color 96, 16.134, 177.910.

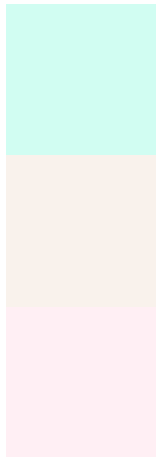


This preview shows how white text looks on a background with the CIELCh color 96, 16.134, 177.910.

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](#).

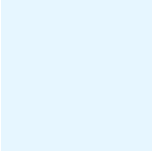
Dichromacy



Original Color
96, 16.134, 177.910

Protanopia
96, 3.938, 70.414

Deuteranopia
96, 6.252, 355.599

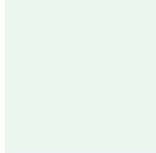


Tritanopia
96, 7.066, 240.063

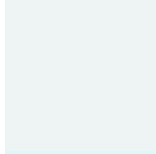
Trichromacy



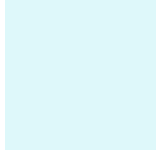
Original Color
96, 16.134, 177.910



Protanomaly
96, 5.919, 155.388



Deuteranomaly
96, 2.168, 185.892

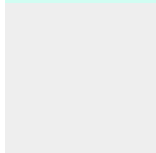


Tritanomaly
96, 8.898, 205.553

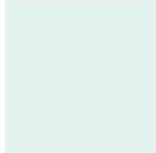
Monochromacy



Original Color
96, 16.134, 177.910



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 5.983, 179.011

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 16.134, 177.910 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(209, 253, 242)` looks like.

```
.text, #text, p{  
    color:rgb(209, 253, 242)  
}
```

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(209, 253, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 253, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 16.134, 177.910 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(209, 253, 242) }
```

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

```
.border{ border-color:rgb(209, 253, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 253, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 253, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 253, 242);  
box-shadow:4px 4px 4px 4px rgb(209, 253,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 16.134, 177.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 253, 242) }
```

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

```
.background{ background-color: rgb(209,  
253, 242) }
```

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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