

Converting Colors

CIELCh(96, 15.031, 175.099)

Have a look what the booklet for
CIELCh(96, 15.031, 175.099)
contains.

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Color

CIELCh(96, 15.155, 174.488)

Conversions

Conversions Part 1

Format	Color
Hex	D4FCF0
RGB	212, 252, 240
RGB Percent	83%, 99%, 94%
CMY	0.1682, 0.0113, 0.0584
CMYK	0.16, 0.00, 0.05, 0.01
HSL	162°, 87%, 91%
HSV	162°, 16%, 99%
XYZ	77.7781, 90.0078, 95.8035
YIQ	238.6720, -19.9880, -12.2120

Conversions

Conversions Part 2

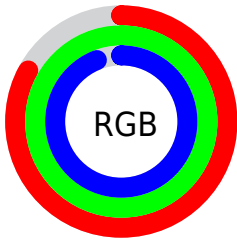
Format	Color
R _Y B	212, 236, 252
Decimal	13958384
CIE Lab	96.00, -15.08, 1.46
CIE LCh	96, 15.155, 174.488
Yxy	90.0078, 0.2951, 0.3415
Android (android.graphics.Color)	4292148464 (0xFFD4FCF0)
YUV	238.6720, 0.6547, -23.3913
Hunter-Lab	94.8724, -19.6893, 6.5389

Details

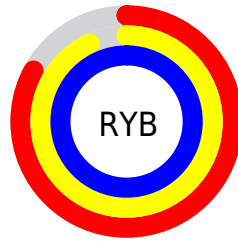
The CIELCh color **96, 15.155, 174.488** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 15.870, 357.515**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 14.952, 174.880** is the 20% darker color. If you saturate the color by 10%, you get **94, 24.390, 173.425**, and if you desaturate by 10%, it is **98, 5.648, 175.515**.

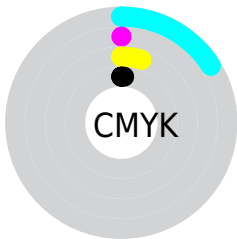
Distribution



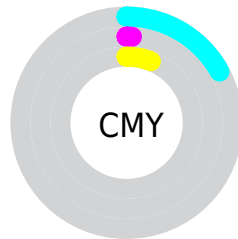
- Red (83%)
- Green (99%)
- Blue (94%)



- Red (83%)
- Yellow (93%)
- Blue (99%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)





- Cyan (17%)
- Magenta (1%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 15.155, 174.488 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, 15.155, 174.488 by changing the saturation by 10% instead.


 96, 15.155,
174.488

 96, 15.155,
174.488


 100, 15.155,
174.488


 86, 15.155,
174.488

 76, 15.155,
174.488

 66, 15.155,
174.488

 56, 15.155,
174.488

 46, 15.155,
174.488

 36, 15.155,
174.488

 26, 15.155,

174.488

■ 16, 15.155,
174.488

■ 6, 15.155, 174.488

■ 96, 15.155,
174.488

■ 96, 15.155,
174.488

■ 94, 24.390,
173.425

■ 98, 5.648, 175.515

■ 99, 1.794, 324.332

■ 93, 33.194,
172.283

■ 92, 41.406,
171.031

■ 91, 48.863,
169.645

■ 90, 55.425,
168.098

■ 89, 61.001,
166.367

■ 89, 65.570,
164.433

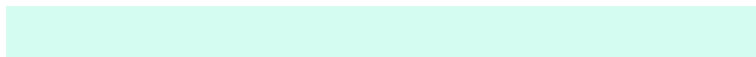
■ 88, 69.212,
162.300

■ 88, 70.549,
161.395

Harmonies

Complementary

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



96, 15.155, 174.488



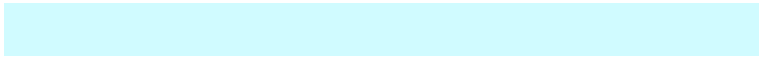
89, 15.870, 357.515

Rectangle

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



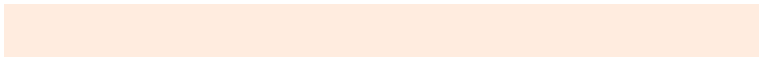
96, 15.155, 174.488



96, 15.155, 224.488



96, 15.155, 354.488



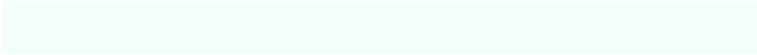
96, 15.155, 44.488

Sweetspot

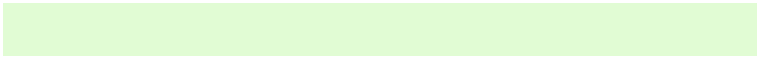
The Sweet Spot groups the original color and five complimentary colors.



96, 15.157, 174.484



99, 4.859, 175.613



96, 22.729, 134.504



53, 3.314, 175.533



0, 0.000, 0.000



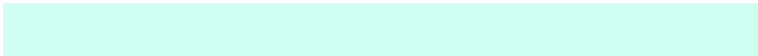
53, 0.007, 296.813

Same Dimension

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



96, 15.157, 174.484



96, 18.252, 174.158



94, 11.502, 218.018



51, 5.421, 175.134



68, 56.365, 161.815



22, 24.305, 164.961

Inverse Universe

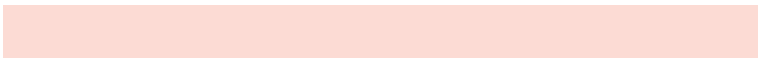
The Inverse Universe completely reimagines the original color for something new.



89, 15.870, 357.515



87, 19.293, 357.883



90, 12.772, 37.389



49, 5.573, 356.807



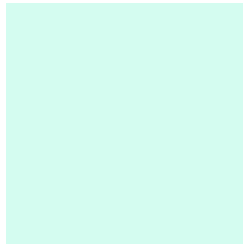
40, 69.956, 21.198



9, 30.572, 12.026

Previews

White Background



This preview shows how the CIE LCh color 96, 15.155, 174.488 looks on a white background.

Color Contrast Check

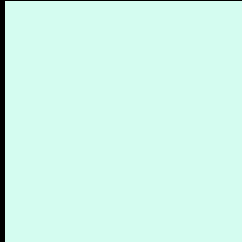
Large Text (above 18pt) WCAG AA × Fail

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, 15.155, 174.488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

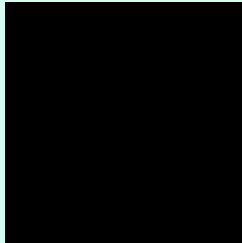
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

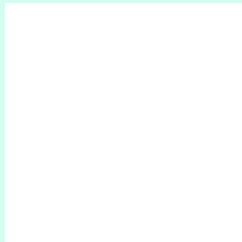
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 15.155, 174.488

Background



This preview shows how black text looks on a background with the CIELCh color 96, 15.155, 174.488.

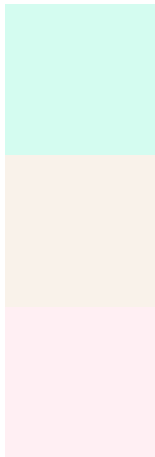


This preview shows how white text looks on a background with the CIELCh color 96, 15.155, 174.488.

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, 15.155, 174.488

Protanopia

96, 4.777, 78.104

Deuteranopia

96, 6.064, 0.012

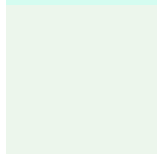


Tritanopia
96, 6.933, 247.072

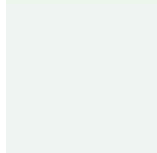
Trichromacy



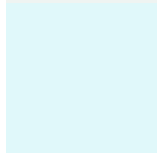
Original Color
96, 15.155, 174.488



Protanomaly
96, 6.250, 144.259



Deuteranomaly
96, 2.040, 169.486

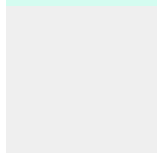


Tritanomaly
96, 8.239, 206.131

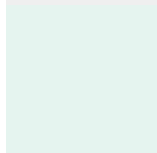
Monochromacy



Original Color
96, 15.155, 174.488



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 5.876, 173.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 15.155, 174.488 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(212, 252, 240)` looks like.

```
.text, #text, p{  
    color:rgb(212, 252, 240)  
}
```

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(212, 252, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 252, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 15.155, 174.488 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(212, 252, 240) }
```

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

```
.border{ border-color:rgb(212, 252, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 252, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 252, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 252, 240);  
box-shadow:4px 4px 4px 4px rgb(212, 252,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 15.155, 174.488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 252, 240) }
```

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

```
.background{ background-color: rgb(212,  
252, 240) }
```

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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