

Converting Colors

CIELCh(96, 16.170, 176.973)

Have a look what the booklet for
CIELCh(96, 16.170, 176.973)
contains.

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Color

CIELCh(96, 16.352, 176.257)

Conversions

Conversions Part 1

Format	Color
Hex	D1FDF1
RGB	209, 253, 241
RGB Percent	82%, 99%, 95%
CMY	0.1811, 0.0085, 0.0556
CMYK	0.17, 0.00, 0.05, 0.01
HSL	164°, 91%, 91%
HSV	164°, 17%, 99%
XYZ	77.1649, 90.0078, 96.3869
YIQ	238.4760, -22.3720, -13.0600

Conversions

Conversions Part 2

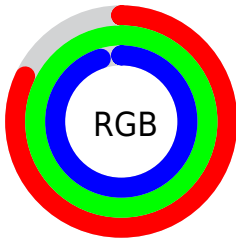
Format	Color
R _{YB}	209, 234, 253
Decimal	13762033
CIE Lab	96.00, -16.32, 1.07
CIE LCh	96, 16.352, 176.257
Yxy	90.0078, 0.2928, 0.3415
Android (android.graphics.Color)	4291952113 (0xFFD1FDF1)
YUV	238.4760, 1.2443, -25.8505
Hunter-Lab	94.8724, -20.8430, 6.1743

Details

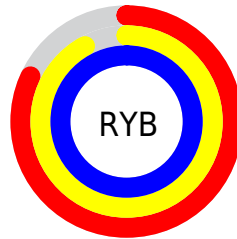
The CIELCh color **96, 16.352, 176.257** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88, 17.290, 359.622**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 16.184, 176.655** is the 20% darker color. If you saturate the color by 10%, you get **94, 25.356, 175.194**, and if you desaturate by 10%, it is **98, 7.026, 177.274**.

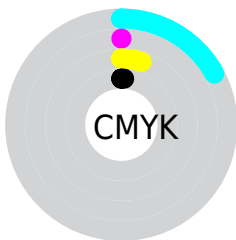
Distribution



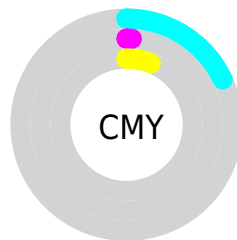
- Red (82%)
- Green (99%)
- Blue (95%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)





- Cyan (18%)
- Magenta (1%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 16.352, 176.257 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, 16.352, 176.257 by changing the saturation by 10% instead.


 96, 16.352,
176.257


 96, 16.352,
176.257


 100, 16.352,
176.257


 86, 16.352,
176.257

 76, 16.352,
176.257

 66, 16.352,
176.257

 56, 16.352,
176.257

 46, 16.352,
176.257

 36, 16.352,
176.257

 26, 16.352,

176.257

■ 16, 16.352,
176.257

■ 6, 16.352, 176.257

■ 96, 16.352,
176.257

■ 96, 16.352,
176.257

■ 94, 25.356,
175.194

■ 98, 7.026, 177.274

■ 99, 1.202, 329.453

■ 93, 33.879,
174.055

■ 99, 1.358, 324.261

■ 92, 41.759,
172.810

■ 91, 48.839,
171.436

■ 90, 54.989,
169.907

■ 89, 60.131,
168.198

■ 89, 64.263,
166.292

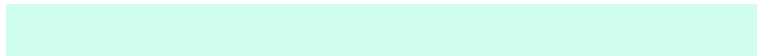
■ 89, 67.492,
164.196

■ 89, 68.257,
163.647

Harmonies

Complementary

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



96, 16.352, 176.257



88, 17.290, 359.622

Rectangle

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



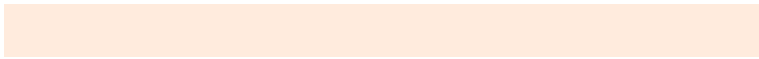
96, 16.352, 176.257



96, 16.352, 226.257



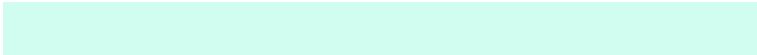
96, 16.352, 356.257



96, 16.352, 46.257

Sweetspot

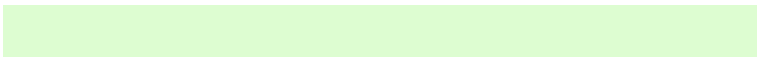
The Sweet Spot groups the original color and five complimentary colors.



96, 16.354, 176.253



99, 4.786, 177.538



96, 25.237, 135.468



53, 3.264, 177.457



0, 0.000, 0.000



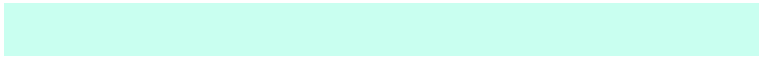
53, 0.007, 296.813

Same Dimension

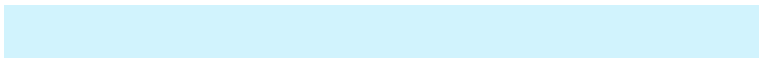
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 16.354, 176.253



96, 19.774, 175.879



94, 12.382, 222.233



52, 5.425, 177.056



69, 55.010, 164.037



23, 24.265, 166.935

Inverse Universe

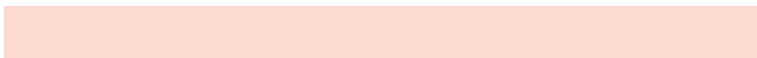
The Inverse Universe completely reimagines the original color for something new.



88, 17.290, 359.622



86, 21.162, 0.059



90, 13.861, 40.975



50, 5.592, 358.730



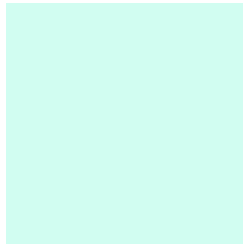
40, 71.686, 23.679



10, 31.583, 14.577

Previews

White Background



This preview shows how the CIE LCh color 96, 16.352, 176.257 looks on a white background.

Color Contrast Check

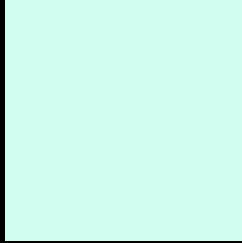
Large Text (above 18pt) WCAG AA × Fail

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, 16.352, 176.257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

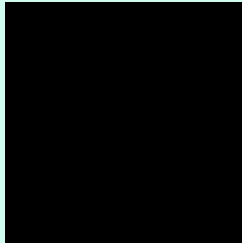
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

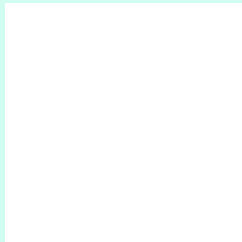
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 16.352, 176.257

Background



This preview shows how black text looks on a background with the CIELCh color 96, 16.352, 176.257.

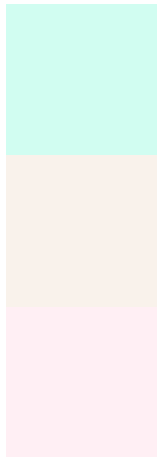


This preview shows how white text looks on a background with the CIELCh color 96, 16.352, 176.257.

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

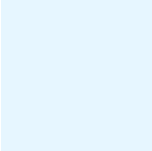
96, 16.352, 176.257

Protanopia

96, 4.348, 74.634

Deuteranopia

96, 6.252, 355.599

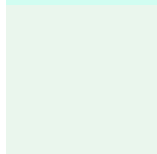


Tritanopia
96, 7.066, 240.063

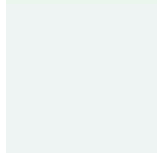
Trichromacy



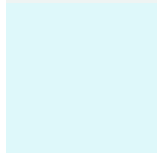
Original Color
96, 16.352, 176.257



Protanomaly
96, 6.292, 152.078



Deuteranomaly
96, 2.168, 185.892

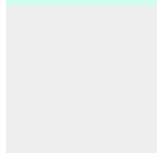


Tritanomaly
96, 8.898, 205.553

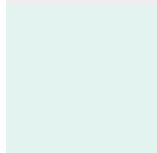
Monochromacy



Original Color
96, 16.352, 176.257



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, 16.352, 176.257 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(209, 253, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 253, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 16.352, 176.257 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, 241) }
```

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

```
.border{ border-color:rgb(209, 253, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 253, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 253, 241); box-shadow:4px 4px 4px 4px rgb(209, 253, 241) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 16.352, 176.257 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, 241) }
```

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

```
.background{ background-color: rgb(209,  
253, 241) }
```

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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