

Converting Colors

CIELCh(100, 26.045, 175.593)

Have a look what the booklet for
CIELCh(100, 26.045, 175.593)
contains.

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Color

CIELCh(96, 19.432, 190.590)

Conversions

Conversions Part 1

Format	Color
Hex	C5FFFA
RGB	197, 255, 250
RGB Percent	77%, 100%, 98%
CMY	0.2287, 0.0013, 0.0209
CMYK	0.23, 0.00, 0.02, 0.00
HSL	175°, 99%, 88%
HSV	175°, 23%, 100%
XYZ	75.7915, 90.0078, 103.5417
YIQ	237.0880, -32.9630, -13.8510

Conversions

Conversions Part 2

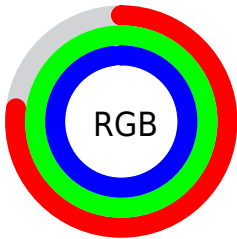
Format	Color
RYB	197, 227, 255
Decimal	12976122
CIELab	96.00, -19.10, -3.57
CIElCh	96, 19.432, 190.590
Yxy	90.0078, 0.2814, 0.3342
Android (android.graphics.Color)	4291166202 (0xFFC5FFFA)
YUV	237.0880, 6.3656, -35.1572
Hunter-Lab	94.8724, -23.4270, 1.7029

Details

The CIELCh color **96, 19.432, 190.590** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 22.079, 14.401**, 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, 19.269, 191.505** is the 20% darker color. If you saturate the color by 10%, you get **95, 27.087, 189.813**, and if you desaturate by 10%, it is **98, 11.179, 191.367**.

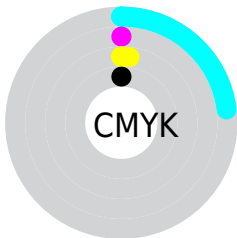
Distribution



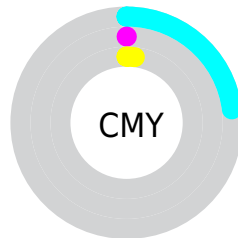
- Red (77%)
- Green (100%)
- Blue (98%)



- Red (77%)
- Yellow (89%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 19.432, 190.590 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, 19.432, 190.590 by changing the saturation by 10% instead.


 96, 19.432,
190.590


 96, 19.432,
190.590


 100, 19.432,
190.590


 86, 19.432,
190.590

 76, 19.432,
190.590

 66, 19.432,
190.590

 56, 19.432,
190.590

 46, 19.432,
190.590

 36, 19.432,
190.590

 26, 19.432,

190.590

■ 16, 19.432,
190.590

■ 6, 19.432, 190.590

■ 96, 19.432,
190.590

■ 96, 19.432,
190.590

■ 95, 27.087,
189.813

■ 98, 11.179,
191.367

■ 93, 33.988,
189.034

■ 99, 2.473, 192.323

■ 92, 39.992,
188.238

100, 0.219,
323.038

■ 92, 44.981,
187.414

■ 91, 48.882,
186.546

■ 91, 51.685,
185.616

■ 91, 53.462,
184.607

■ 90, 54.262,
183.834

Harmonies

Complementary

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



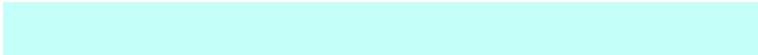
96, 19.432, 190.590



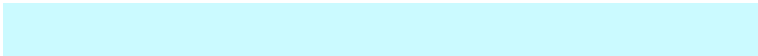
85, 22.079, 14.401

Rectangle

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



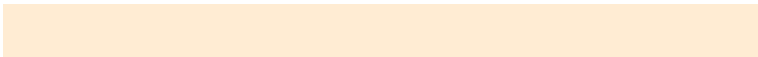
96, 19.432, 190.590



96, 19.432, 240.590



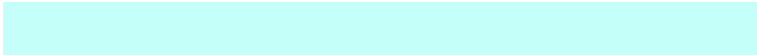
96, 19.432, 10.590



96, 19.432, 60.590

Sweetspot

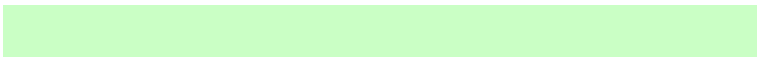
The Sweet Spot groups the original color and five complimentary colors.



96, 19.433, 190.585



99, 6.206, 191.848



95, 35.204, 140.402



53, 4.028, 191.795



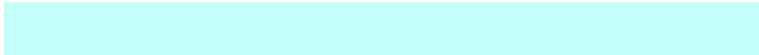
0, 0.000, 0.000



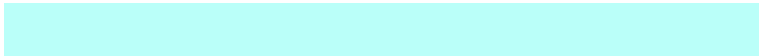
53, 0.007, 296.813

Same Dimension

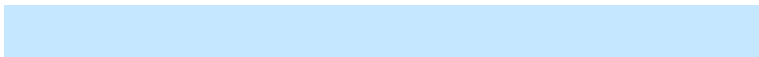
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 19.433, 190.585



96, 22.775, 190.259



90, 16.294, 246.867



52, 5.016, 191.633



70, 43.678, 184.031



23, 19.872, 185.413

Inverse Universe

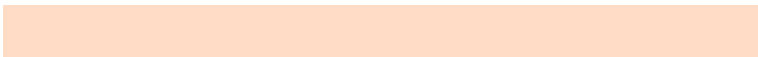
The Inverse Universe completely reimagines the original color for something new.



85, 22.079, 14.401



82, 26.562, 14.933



90, 18.021, 61.550



50, 5.278, 12.983



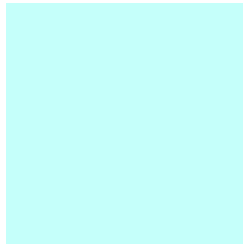
40, 80.617, 36.624



10, 32.697, 23.686

Previews

White Background



This preview shows how the CIE LCh color 96, 19.432, 190.590 looks on a white background.

Color Contrast Check

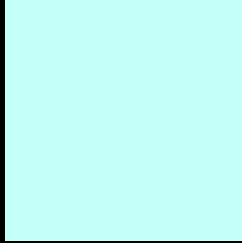
Large Text (above 18pt) WCAG AA × Fail

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, 19.432, 190.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

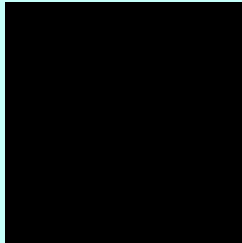
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

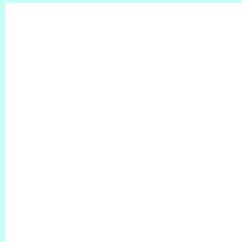
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 19.432, 190.590

Background



This preview shows how black text looks on a background with the CIELCh color 96, 19.432, 190.590.



This preview shows how white text looks on a background with the CIELCh color 96, 19.432, 190.590.

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



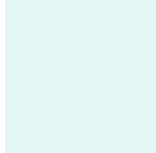


Tritanopia
96, 7.848, 235.244

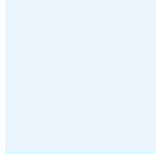
Trichromacy



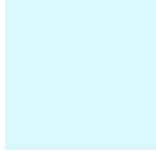
Original Color
96, 19.432, 190.590



Protanomaly
96, 6.335, 189.768

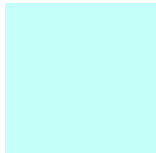


Deuteranomaly
96, 4.583, 241.615

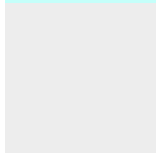


Tritanomaly
96, 11.250, 209.318

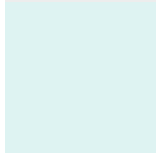
Monochromacy



Original Color
96, 19.432, 190.590



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 7.286, 194.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 19.432, 190.590 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(197, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 250)  
}
```

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(197, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 19.432, 190.590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

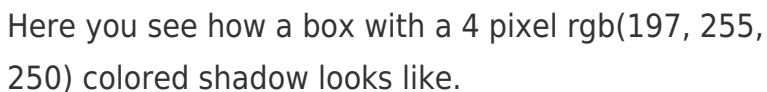
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 255, 250) }
```

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

```
.border{ border-color:rgb(197, 255, 250) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(197, 255,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 19.432, 190.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 255, 250) }
```

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

```
.background{ background-color: rgb(197,  
255, 250) }
```

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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