

Converting Colors

CIELCh(96, 19.565, 189.389)

Have a look what the booklet for
CIELCh(96, 19.565, 189.389)
contains.

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Color

CIELCh(96, 19.554, 189.104)

Conversions

Conversions Part 1

Format	Color
Hex	C5FFF9
RGB	197, 255, 249
RGB Percent	77%, 100%, 98%
CMY	0.2285, 0.0010, 0.0246
CMYK	0.23, 0.00, 0.02, 0.00
HSL	174°, 99%, 89%
HSV	174°, 23%, 100%
XYZ	75.6902, 90.0078, 102.7898
YIQ	236.9740, -32.6420, -14.1620

Conversions

Conversions Part 2

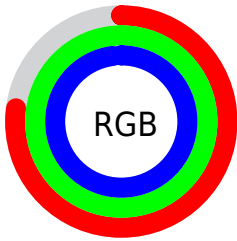
Format	Color
R_{YB}	197, 228, 255
Decimal	12976121
CIE Lab	96.00, -19.31, -3.09
CIE LCh	96, 19.554, 189.104
Yxy	90.0078, 0.2819, 0.3352
Android (android.graphics.Color)	4291166201 (0xFFC5FFF9)
YUV	236.9740, 5.9288, -35.0572
Hunter-Lab	94.8724, -23.6176, 2.1728

Details

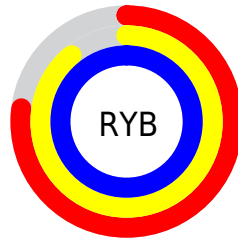
The CIELCh color **96, 19.554, 189.104** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 22.101, 13.055**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 19.397, 189.923** is the 20% darker color. If you saturate the color by 10%, you get **95, 27.294, 188.277**, and if you desaturate by 10%, it is **98, 11.234, 189.921**.

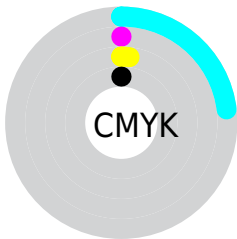
Distribution



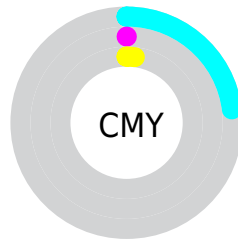
- Red (77%)
- Green (100%)
- Blue (98%)



- 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, 19.554, 189.104 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, 19.554, 189.104 by changing the saturation by 10% instead.


 96, 19.554,
189.104


 96, 19.554,
189.104


 100, 19.554,
189.104


 86, 19.554,
189.104

 76, 19.554,
189.104

 66, 19.554,
189.104

 56, 19.554,
189.104

 46, 19.554,
189.104

 36, 19.554,
189.104

 26, 19.554,

189.104

■ 16, 19.554,
189.104

■ 6, 19.554, 189.104

■ 96, 19.554,
189.104

■ 96, 19.554,
189.104

■ 95, 27.294,
188.277

■ 98, 11.234,
189.921

■ 93, 34.298,
187.437

■ 99, 2.478, 190.909

■ 92, 40.419,
186.567

100, 0.173,
322.656

■ 92, 45.537,
185.652

■ 91, 49.575,
184.675

■ 91, 52.520,
183.618

■ 90, 54.441,
182.461

■ 90, 55.348,
181.571

Harmonies

Complementary

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



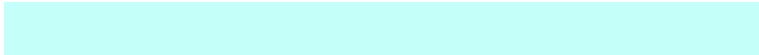
96, 19.554, 189.104



85, 22.101, 13.055

Rectangle

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



96, 19.554, 189.104



96, 19.554, 239.104



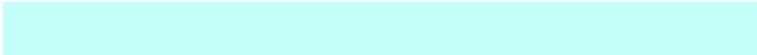
96, 19.554, 9.104



96, 19.554, 59.104

Sweetspot

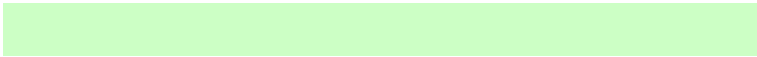
The Sweet Spot groups the original color and five complimentary colors.



96, 19.555, 189.100



99, 6.234, 190.421



95, 35.015, 139.959



53, 4.046, 190.366



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

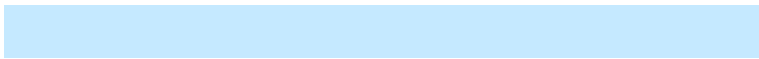
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 19.555, 189.100



95, 22.930, 188.753



90, 16.153, 244.724



52, 5.040, 190.198



70, 44.524, 181.798



23, 20.200, 183.401

Inverse Universe

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



85, 22.101, 13.055



82, 26.575, 13.598



90, 17.978, 59.650



50, 5.292, 11.604



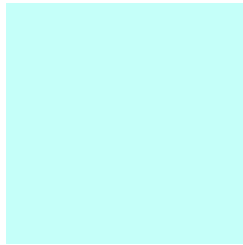
40, 79.811, 35.776



10, 32.578, 22.971

Previews

White Background



This preview shows how the CIE LCh color 96, 19.554, 189.104 looks on a white background.

Color Contrast Check

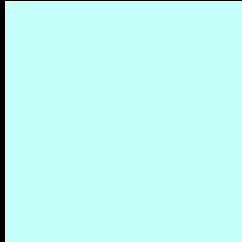
Large Text (above 18pt) WCAG AA × Fail

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, 19.554, 189.104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

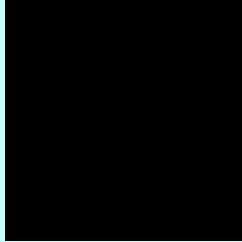
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 19.554, 189.104

Background



This preview shows how black text looks on a background with the CIELCh color 96, 19.554, 189.104.

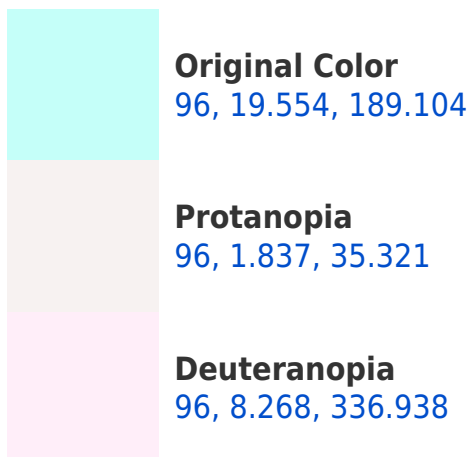


This preview shows how white text looks on a background with the CIELCh color 96, 19.554, 189.104.

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



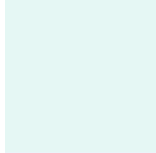


Tritanopia
96, 7.848, 235.244

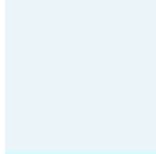
Trichromacy



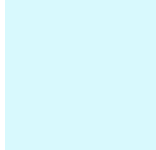
Original Color
96, 19.554, 189.104



Protanomaly
96, 6.456, 185.289

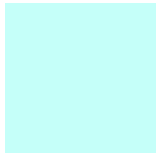


Deuteranomaly
96, 4.269, 236.350

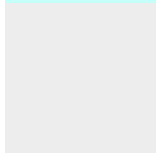


Tritanomaly
96, 11.250, 209.318

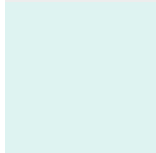
Monochromacy



Original Color
96, 19.554, 189.104



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 7.363, 190.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 19.554, 189.104 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 19.554, 189.104 is called "border". The border property can be set on classes, ids or directly on the HTML element.

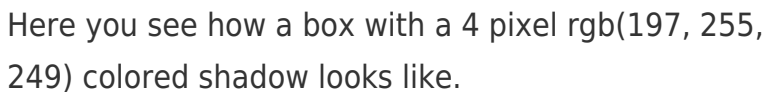
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 255, 249) }
```

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

```
.border{ border-color:rgb(197, 255, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 255, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 255, 249); box-shadow:4px 4px 4px 4px rgb(197, 255, 249) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 19.554, 189.104 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, 249) }
```

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

```
.background{ background-color: rgb(197,  
255, 249) }
```

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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