

Converting Colors

CIELCh(96, 18.436, 218.286)

Have a look what the booklet for
CIELCh(96, 18.436, 218.286)
contains.

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Color

CIElCh(96, 18.048, 201.593)

Conversions

Conversions Part 1

Format	Color
Hex	C7FEFF
RGB	199, 254, 255
RGB Percent	78%, 100%, 100%
CMY	0.2211, 0.0053, 0.0000
CMYK	0.22, 0.01, 0.00, 0.00
HSL	181°, 100%, 89%
HSV	181°, 22%, 100%
XYZ	76.9347, 90.0078, 108.4676
YIQ	237.6690, -33.1010, -11.3490

Conversions

Conversions Part 2

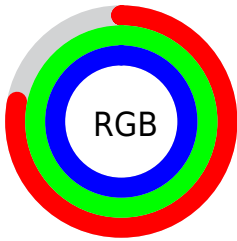
Format	Color
R_{YB}	199, 227, 255
Decimal	13106943
CIE _{Lab}	96.00, -16.78, -6.64
CIE _{LCh}	96, 18.048, 201.593
Yxy	90.0078, 0.2793, 0.3268
Android (android.graphics.Color)	4291297023 (0xFFC7FEFF)
YUV	237.6690, 8.5442, -33.9127
Hunter-Lab	94.8724, -21.2761, -1.3755

Details

The CIELCh color **96, 18.048, 201.593** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 20.989, 22.916**, 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, 17.941, 199.814** is the 20% darker color. If you saturate the color by 10%, you get **94, 25.259, 200.176**, and if you desaturate by 10%, it is **98, 10.205, 200.962**.

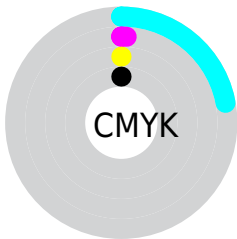
Distribution



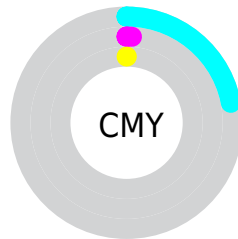
- Red (78%)
- Green (100%)
- Blue (100%)



- Red (78%)
- Yellow (89%)
- Blue (100%)



- Cyan (22%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 18.048, 201.593 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, 18.048, 201.593 by changing the saturation by 10% instead.


 96, 18.048,
201.593


 96, 18.048,
201.593


 100, 18.048,
201.593


 86, 18.048,
201.593

 76, 18.048,
201.593

 66, 18.048,
201.593

 56, 18.048,
201.593

 46, 18.048,
201.593

 36, 18.048,
201.593

 26, 18.048,

201.593

■ 16, 18.048,
201.593

■ 6, 18.048, 201.593

■ 96, 18.048,
201.593

■ 96, 18.048,
201.593

■ 94, 25.259,
200.176

■ 98, 10.205,
200.962

■ 93, 31.643,
199.905

■ 100, 1.820,
201.720

■ 92, 37.085,
199.722

■ 100, 0.012,
296.813

■ 91, 41.479,
199.638

■ 90, 44.764,
199.660

■ 90, 46.941,
199.792

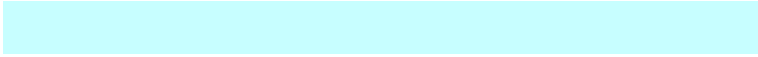
■ 90, 48.086,
200.037

■ 89, 48.430,
200.295

Harmonies

Complementary

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



96, 18.048, 201.593



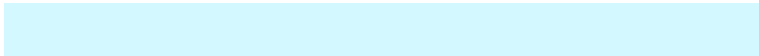
85, 20.989, 22.916

Rectangle

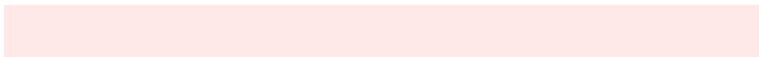
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



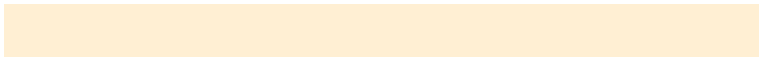
96, 18.048, 201.593



96, 18.048, 251.593



96, 18.048, 21.593



96, 18.048, 71.593

Sweetspot

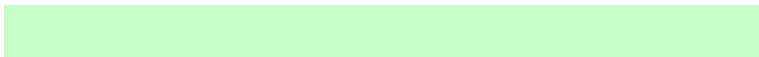
The Sweet Spot groups the original color and five complimentary colors.



96, 18.065, 200.528



99, 5.980, 201.236



95, 34.942, 143.422



53, 3.880, 201.200



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, 18.065, 200.528



95, 21.677, 200.346



89, 17.354, 260.513



52, 4.826, 201.094



69, 39.029, 200.226



23, 18.026, 199.749

Inverse Universe

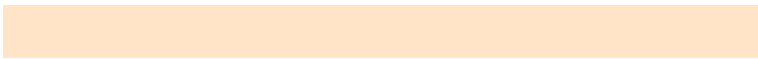
The Inverse Universe completely reimagines the original color for something new.



87, 34.791, 326.314



84, 42.465, 326.586



92, 18.307, 74.387



50, 8.911, 325.596



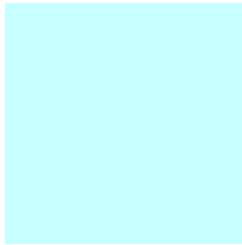
45, 91.344, 329.212



12, 42.118, 329.091

Previews

White Background



This preview shows how the CIE LCh color 96, 18.048, 201.593 looks on a white background.

Color Contrast Check

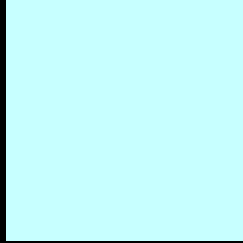
Large Text (above 18pt) WCAG AA × Fail

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, 18.048, 201.593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

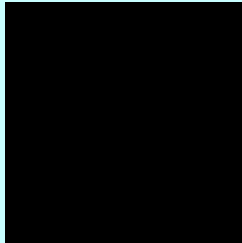
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 18.048, 201.593

Background



This preview shows how black text looks on a background with the CIELCh color 96, 18.048, 201.593.

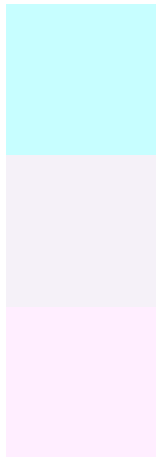


This preview shows how white text looks on a background with the CIELCh color 96, 18.048, 201.593.

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

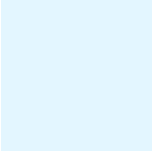
96, 18.068, 199.946

Protanopia

96, 3.880, 311.599

Deuteranopia

96, 10.602, 324.781

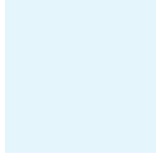


Tritanopia
96, 7.848, 235.244

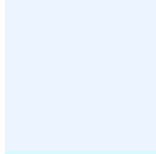
Trichromacy



Original Color
96, 18.068, 199.946



Protanomaly
96, 6.625, 221.948

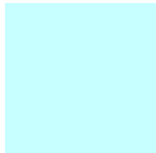


Deuteranomaly
96, 6.377, 261.736

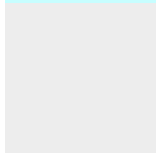


Tritanomaly
96, 11.105, 214.951

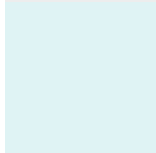
Monochromacy



Original Color
96, 18.068, 199.946



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 6.904, 203.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 18.048, 201.593 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(199, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 254, 255)  
}
```

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(199, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 254, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 18.048, 201.593 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(199, 254, 255) }
```

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

```
.border{ border-color:rgb(199, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 254,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 18.048, 201.593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 254, 255) }
```

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

```
.background{ background-color: rgb(199,  
254, 255) }
```

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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