

Converting Colors

CIELCh(96, 19.945, 196.467)

Have a look what the booklet for
CIELCh(96, 19.945, 196.467)
contains.

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Color

CIE LCh(96, 19.973, 196.705)

Conversions

Conversions Part 1

Format	Color
Hex	C2FFFE
RGB	194, 255, 254
RGB Percent	76%, 100%, 100%
CMY	0.2398, 0.0006, 0.0046
CMYK	0.24, 0.00, 0.00, 0.00
HSL	179°, 99%, 88%
HSV	179°, 24%, 100%
XYZ	75.7773, 90.0078, 107.0068
YIQ	236.6470, -36.0350, -13.2430

Conversions

Conversions Part 2

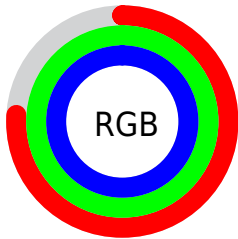
Format	Color
RYB	194, 225, 255
Decimal	12779518
CIELab	96.00, -19.13, -5.74
CIELCh	96, 19.973, 196.705
Yxy	90.0078, 0.2778, 0.3300
Android (android.graphics.Color)	4290969598 (0xFFC2FFFE)
YUV	236.6470, 8.5550, -37.4014
Hunter-Lab	94.8724, -23.4538, -0.4626

Details

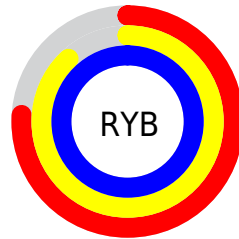
The CIELCh color **96, 19.973, 196.705** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 23.361, 19.977**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.042, 199.975**, and **76, 19.869, 196.365** is the 20% darker color. If you saturate the color by 10%, you get **95, 27.266, 196.181**, and if you desaturate by 10%, it is **98, 11.993, 197.272**.

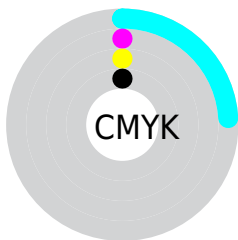
Distribution



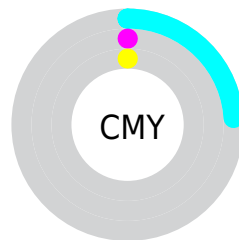
- Red (76%)
- Green (100%)
- Blue (100%)



- Red (76%)
- Yellow (88%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 19.973, 196.705 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, 19.973, 196.705 by changing the saturation by 10% instead.


 96, 19.973,
196.705


 96, 19.973,
196.705


 100, 19.973,
196.705


 86, 19.973,
196.705

 76, 19.973,
196.705

 66, 19.973,
196.705

 56, 19.973,
196.705

 46, 19.973,
196.705

 36, 19.973,
196.705

 26, 19.973,

196.705

■ 16, 19.973,
196.705

■ 6, 19.973, 196.705

■ 96, 19.973,
196.705

■ 96, 19.973,
196.705

■ 95, 27.266,
196.181

■ 98, 11.993,
197.272

■ 94, 33.723,
195.708

■ 99, 3.470, 197.990

■ 93, 39.214,
195.283

100, 0.110,
321.627

■ 92, 43.640,
194.905

■ 92, 46.948,
194.570

■ 91, 49.155,
194.272

■ 91, 50.354,
194.002

■ 91, 50.725,
193.846

Harmonies

Complementary

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



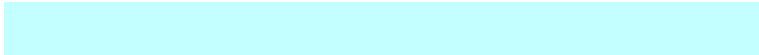
96, 19.973, 196.705



84, 23.361, 19.977

Rectangle

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



96, 19.973, 196.705



96, 19.973, 246.705



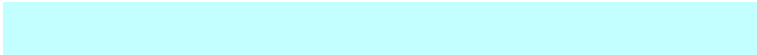
96, 19.973, 16.705



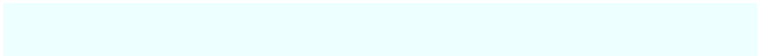
96, 19.973, 66.705

Sweetspot

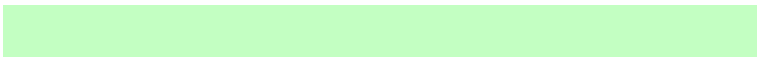
The Sweet Spot groups the original color and five complimentary colors.



96, 19.974, 196.700



99, 6.135, 197.726



95, 38.037, 142.432



53, 3.980, 197.682



0, 0.000, 0.000



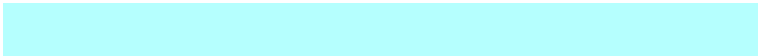
53, 0.007, 296.813

Same Dimension

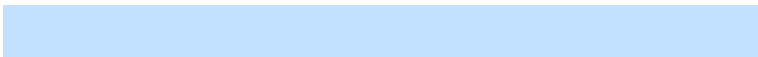
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 19.974, 196.700



95, 23.774, 196.431



88, 18.187, 257.157



52, 4.953, 197.551



70, 40.866, 193.888



24, 18.771, 194.185

Inverse Universe

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



84, 23.361, 19.977



81, 28.854, 20.572



91, 19.546, 70.650



49, 5.252, 18.613



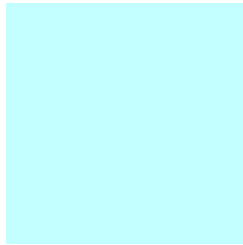
40, 83.486, 39.354



10, 33.231, 26.522

Previews

White Background



This preview shows how the CIE LCh color 96, 19.973, 196.705 looks on a white background.

Color Contrast Check

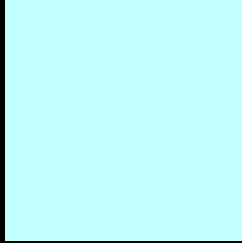
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 96, 19.973, 196.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

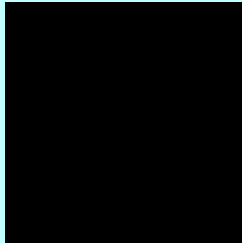
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 19.973, 196.705

Background



This preview shows how black text looks on a background with the CIELCh color 96, 19.973, 196.705.

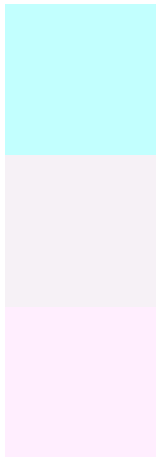


This preview shows how white text looks on a background with the CIELCh color 96, 19.973, 196.705.

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](#).

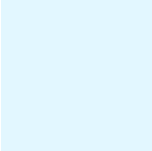
Dichromacy



Original Color
96, 19.973, 196.705

Protanopia
96, 3.135, 324.458

Deuteranopia
96, 10.185, 326.406

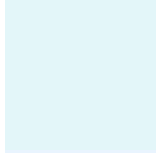


Tritanopia
96, 8.139, 229.412

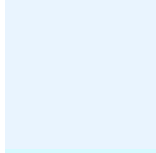
Trichromacy



Original Color
96, 19.973, 196.705



Protanomaly
96, 6.670, 212.461

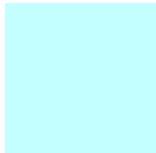


Deuteranomaly
96, 6.304, 253.919

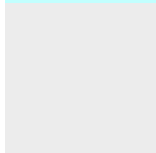


Tritanomaly
96, 12.255, 210.839

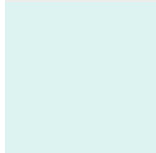
Monochromacy



Original Color
96, 19.973, 196.705



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 7.623, 195.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 19.973, 196.705 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(194, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 254)  
}
```

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(194, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 19.973, 196.705 is called "border". The border property can be set on classes, ids or directly on the HTML element.

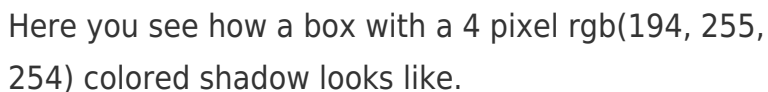
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 255, 254) }
```

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

```
.border{ border-color:rgb(194, 255, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 19.973, 196.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 255, 254) }
```

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

```
.background{ background-color: rgb(194,  
255, 254) }
```

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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