

Converting Colors

CIELCh(96, 23.500, 168.479)

Have a look what the booklet for
CIELCh(96, 23.500, 168.479)
contains.

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Color

CIElCh(96, 22.694, 169.622)

Conversions

Conversions Part 1

Format	Color
Hex	C6FFE8
RGB	198, 255, 235
RGB Percent	78%, 100%, 92%
CMY	0.2243, 0.0000, 0.0792
CMYK	0.22, 0.00, 0.08, 0.00
HSL	159°, 100%, 89%
HSV	159°, 22%, 100%
XYZ	74.2226, 90.0078, 91.9096
YIQ	235.6770, -27.5520, -18.3040

Conversions

Conversions Part 2

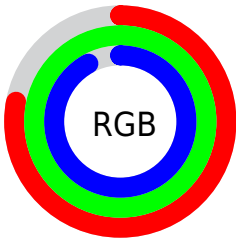
Format	Color
R_{YB}	198, 233, 255
Decimal	13041643
CIE _{Lab}	96.00, -22.32, 4.09
CIE _{LCh}	96, 22.694, 169.622
Yxy	90.0078, 0.2898, 0.3514
Android (android.graphics.Color)	4291231723 (0xFFC6FFEB)
YUV	235.6770, -0.3338, -33.0427
Hunter-Lab	94.8724, -26.3790, 8.9723

Details

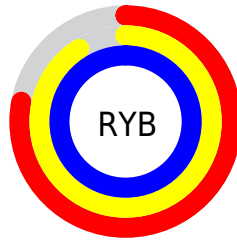
The CIELCh color **96, 22.694, 169.622** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 23.482, 354.683**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 22.176, 170.189** is the 20% darker color. If you saturate the color by 10%, you get **94, 31.730, 169.115**, and if you desaturate by 10%, it is **98, 12.435, 171.277**.

Distribution



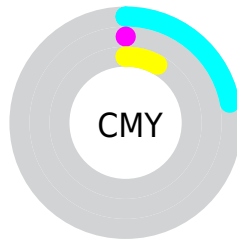
- Red (78%)
- Green (100%)
- Blue (92%)



- Red (78%)
- Yellow (91%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)




- Cyan (22%)
- Magenta (0%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 22.694, 169.622 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, 22.694, 169.622 by changing the saturation by 10% instead.

 96, 22.694,
169.622


 96, 22.694,
169.622

 100, 22.694,
169.622


 86, 22.694,
169.622

 76, 22.694,
169.622

 66, 22.694,
169.622

 56, 22.694,
169.622

 46, 22.694,
169.622

 36, 22.694,
169.622

 26, 22.694,

169.622

■ 16, 22.694,
169.622

■ 6, 22.694, 169.622

■ 96, 22.694,
169.622

■ 96, 22.694,
169.622

■ 94, 31.730,
169.115

■ 98, 12.435,
171.277

■ 93, 40.714,
167.877

■ 99, 2.439, 172.399

■ 92, 49.029,
166.501

100, 0.012,
296.813

■ 91, 56.515,
164.959

■ 90, 63.050,
163.226

■ 90, 68.577,
161.283

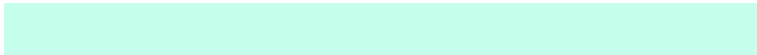
■ 89, 73.131,
159.131

■ 89, 76.076,
157.410

Harmonies

Complementary

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



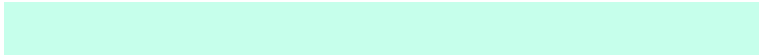
96, 22.694, 169.622



85, 23.482, 354.683

Rectangle

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



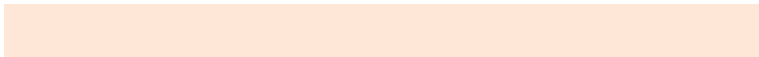
96, 22.694, 169.622



96, 22.694, 219.622



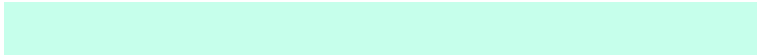
96, 22.694, 349.622



96, 22.694, 39.622

Sweetspot

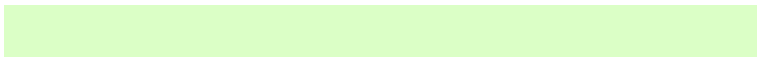
The Sweet Spot groups the original color and five complimentary colors.



96, 22.248, 170.238



99, 7.017, 171.831



96, 31.997, 132.575



52, 4.559, 171.768



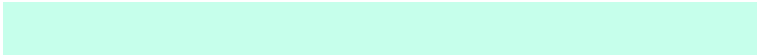
0, 0.000, 0.000



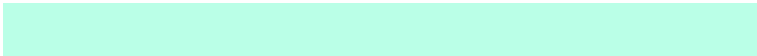
53, 0.007, 296.813

Same Dimension

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



96, 22.248, 170.238



95, 26.628, 169.738



94, 16.604, 212.200



52, 5.694, 171.574



69, 60.820, 157.838



23, 26.549, 160.968

Inverse Universe

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



85, 23.482, 354.683



82, 28.430, 355.255



87, 19.405, 32.485



50, 5.827, 353.234



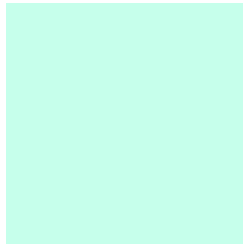
40, 69.160, 16.335



10, 31.304, 8.752

Previews

White Background



This preview shows how the CIE LCh color 96, 22.694, 169.622 looks on a white background.

Color Contrast Check

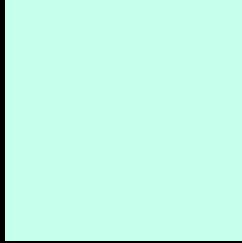
Large Text (above 18pt) WCAG AA × Fail

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, 22.694, 169.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

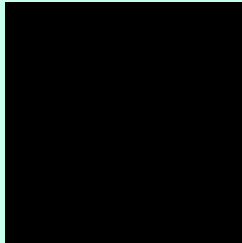
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

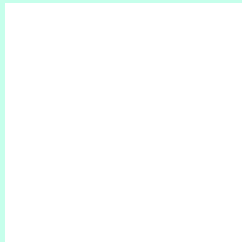
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 22.694, 169.622

Background



This preview shows how black text looks on a background with the CIELCh color 96, 22.694, 169.622.

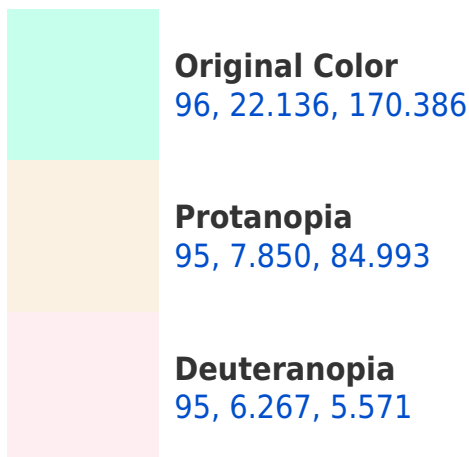


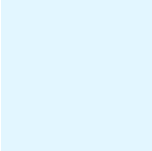
This preview shows how white text looks on a background with the CIELCh color 96, 22.694, 169.622.

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



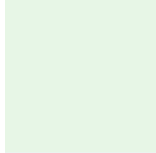


Tritanopia
96, 8.118, 233.851

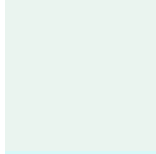
Trichromacy



Original Color
96, 22.136, 170.386



Protanomaly
95, 9.823, 142.439

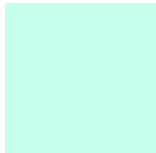


Deuteranomaly
95, 4.375, 163.421

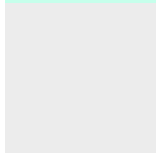


Tritanomaly
96, 11.238, 196.113

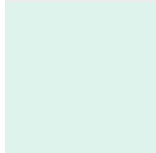
Monochromacy



Original Color
96, 22.136, 170.386



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 8.225, 172.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 22.694, 169.622 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(198, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(198, 255, 235)  
}
```

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(198, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 255, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 22.694, 169.622 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(198, 255, 235) }
```

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

```
.border{ border-color:rgb(198, 255, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(198, 255,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 22.694, 169.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 255, 235) }
```

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

```
.background{ background-color: rgb(198,  
255, 235) }
```

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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