

Converting Colors

CIELCh(96, 25.279, 159.158)

Have a look what the booklet for
CIELCh(96, 25.279, 159.158)
contains.

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Color

CIElCh(96, 24.701, 159.420)

Conversions

Conversions Part 1

Format	Color
Hex	C9FFE2
RGB	201, 255, 226
RGB Percent	79%, 100%, 89%
CMY	0.2121, 0.0000, 0.1141
CMYK	0.21, 0.00, 0.11, 0.00
HSL	148°, 100%, 89%
HSV	148°, 21%, 100%
XYZ	73.8354, 90.0078, 85.3688
YIQ	235.5480, -22.8750, -20.4670

Conversions

Conversions Part 2

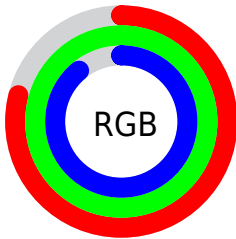
Format	Color
R_{YB}	201, 238, 255
Decimal	13238242
CIE _{Lab}	96.00, -23.12, 8.68
CIE _{LCh}	96, 24.701, 159.420
Yxy	90.0078, 0.2963, 0.3612
Android (android.graphics.Color)	4291428322 (0xFFC9FFE2)
YUV	235.5480, -4.7072, -30.2986
Hunter-Lab	94.8724, -27.1073, 13.0600

Details

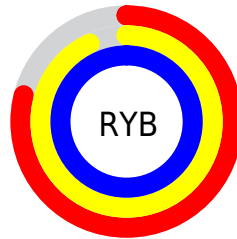
The CIELCh color **96, 24.701, 159.420** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **86, 24.696, 343.484**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 23.958, 160.289** is the 20% darker color. If you saturate the color by 10%, you get **94, 35.347, 158.786**, and if you desaturate by 10%, it is **98, 12.778, 160.783**.

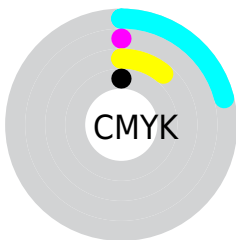
Distribution



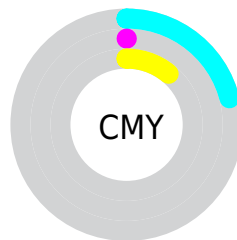
- Red (79%)
- Green (100%)
- Blue (89%)



- Red (79%)
- Yellow (93%)
- Blue (100%)



- Cyan (21%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (21%)
- Magenta (0%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 24.701, 159.420 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, 24.701, 159.420 by changing the saturation by 10% instead.


 96, 24.701,
159.420


 96, 24.701,
159.420


 100, 24.701,
159.420


 86, 24.701,
159.420

 76, 24.701,
159.420

 66, 24.701,
159.420

 56, 24.701,
159.420

 46, 24.701,
159.420

 36, 24.701,
159.420

 26, 24.701,

159.420

■ 16, 24.701,
159.420

■ 6, 24.701, 159.420

■ 96, 24.701,
159.420

■ 96, 24.701,
159.420

■ 94, 35.347,
158.786

■ 98, 12.778,
160.783

■ 93, 46.178,
157.598

■ 100, 1.372,
161.921

■ 91, 56.447,
156.247

■ 100, 0.012,
296.813

■ 90, 65.955,
154.708

■ 90, 74.533,
152.960

■ 89, 82.065,
150.997

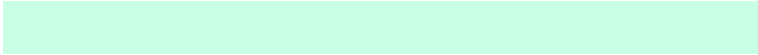
■ 89, 88.527,
148.833

■ 88, 93.442,
146.843

Harmonies

Complementary

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



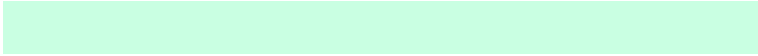
96, 24.701, 159.420



86, 24.696, 343.484

Rectangle

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



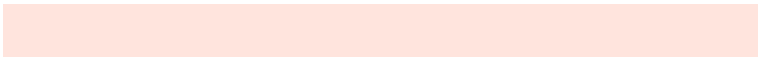
96, 24.701, 159.420



96, 24.701, 209.420



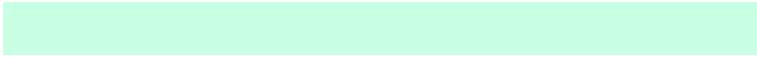
96, 24.701, 339.420



96, 24.701, 29.420

Sweetspot

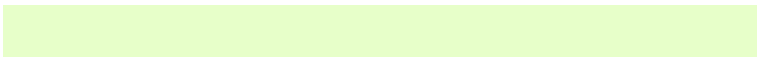
The Sweet Spot groups the original color and five complimentary colors.



96, 24.154, 159.838



99, 6.827, 161.260



97, 28.865, 126.286



53, 4.529, 161.199



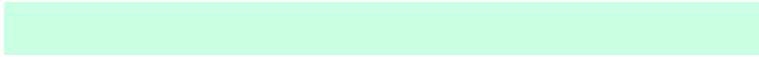
0, 0.000, 0.000



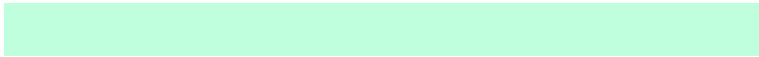
53, 0.007, 296.813

Same Dimension

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



96, 24.154, 159.838



95, 28.423, 159.454



96, 18.006, 193.868



52, 6.476, 160.938



68, 74.584, 147.269



23, 32.115, 150.478

Inverse Universe

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



86, 24.696, 343.484



84, 29.169, 343.857



86, 20.470, 17.058



50, 6.548, 342.405



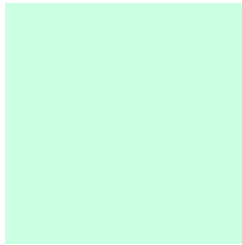
41, 68.801, 358.566



11, 32.275, 353.561

Previews

White Background



This preview shows how the CIE LCh color 96, 24.701, 159.420 looks on a white background.

Color Contrast Check

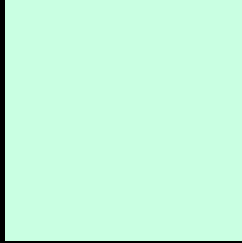
Large Text (above 18pt) WCAG AA × Fail

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, 24.701, 159.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

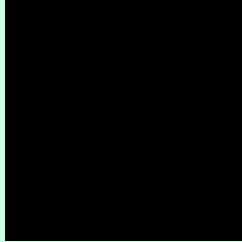
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

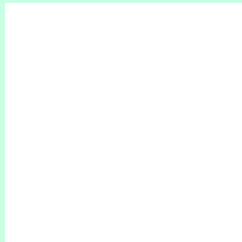
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 24.701, 159.420

Background



This preview shows how black text looks on a background with the CIELCh color 96, 24.701, 159.420.

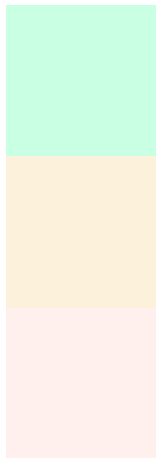


This preview shows how white text looks on a background with the CIELCh color 96, 24.701, 159.420.

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](#).

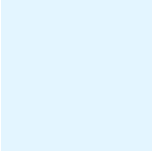
Dichromacy



Original Color
96, 24.099, 159.875

Protanopia
95, 11.938, 89.452

Deuteranopia
96, 5.826, 29.766

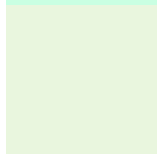


Tritanopia
96, 7.892, 239.823

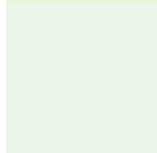
Trichromacy



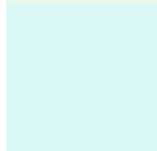
Original Color
96, 24.099, 159.875



Protanomaly
95, 13.167, 130.099



Deuteranomaly
96, 7.125, 139.606

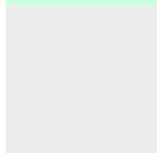


Tritanomaly
96, 10.990, 185.223

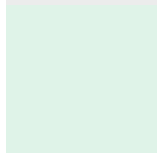
Monochromacy



Original Color
96, 24.099, 159.875



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 9.094, 160.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 24.701, 159.420 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(201, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(201, 255, 226)  
}
```

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(201, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 255, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 24.701, 159.420 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(201, 255, 226) }
```

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

```
.border{ border-color:rgb(201, 255, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 255, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 255, 226);  
box-shadow:4px 4px 4px 4px rgb(201, 255,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 24.701, 159.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 255, 226) }
```

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

```
.background{ background-color: rgb(201,  
255, 226) }
```

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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