

Converting Colors

CIELCh(96, 25.520, 159.690)

Have a look what the booklet for
CIELCh(96, 25.520, 159.690)
contains.

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Color

CIElCh(96, 24.622, 160.764)

Conversions

Conversions Part 1

Format	Color
Hex	C8FFE3
RGB	200, 255, 227
RGB Percent	78%, 100%, 89%
CMY	0.2157, 0.0000, 0.1098
CMYK	0.22, 0.00, 0.11, 0.00
HSL	149°, 100%, 89%
HSV	149°, 22%, 100%
XYZ	73.7763, 90.0078, 86.1639
YIQ	235.3630, -23.7920, -20.3680

Conversions

Conversions Part 2

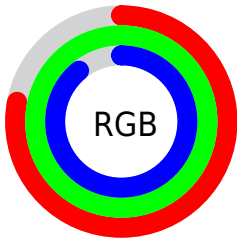
Format	Color
R_{YB}	200, 237, 255
Decimal	13172707
CIE _{Lab}	96.00, -23.25, 8.11
CIE _{LCh}	96, 24.622, 160.764
Yxy	90.0078, 0.2952, 0.3601
Android (android.graphics.Color)	4291362787 (0xFFC8FFE3)
YUV	235.3630, -4.1230, -31.0134
Hunter-Lab	94.8724, -27.2186, 12.5631

Details

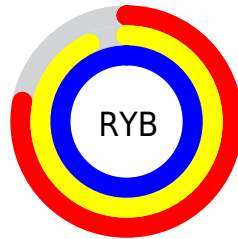
The CIELCh color **96, 24.622, 160.764** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **86, 24.655, 345.079**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 23.873, 161.724** is the 20% darker color. If you saturate the color by 10%, you get **94, 34.930, 160.194**, and if you desaturate by 10%, it is **98, 12.907, 162.231**.

Distribution



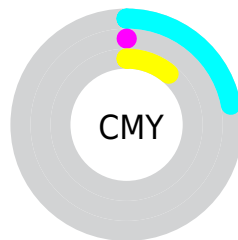
- Red (78%)
- Green (100%)
- Blue (89%)



- Red (78%)
- Yellow (93%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)




- Cyan (22%)
- Magenta (0%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 24.622, 160.764 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, 24.622, 160.764 by changing the saturation by 10% instead.

 96, 24.622,
160.764

 96, 24.622,
160.764

 100, 24.622,
160.764

 86, 24.622,
160.764

 76, 24.622,
160.764

 66, 24.622,
160.764

 56, 24.622,
160.764

 46, 24.622,
160.764

 36, 24.622,
160.764

 26, 24.622,

160.764

■ 16, 24.622,
160.764

■ 6, 24.622, 160.764

■ 96, 24.622,
160.764

■ 96, 24.622,
160.764

■ 94, 34.930,
160.194

■ 98, 12.907,
162.231

■ 93, 45.457,
158.988

■ 100, 1.740,
163.325

■ 91, 55.407,
157.621

■ 100, 0.012,
296.813

■ 90, 64.591,
156.068

■ 90, 72.845,
154.306

■ 89, 80.070,
152.326

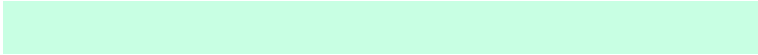
■ 89, 86.253,
150.142

■ 88, 90.786,
148.210

Harmonies

Complementary

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



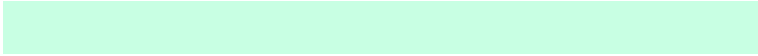
96, 24.622, 160.764



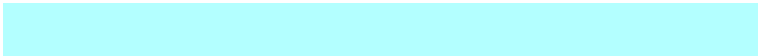
86, 24.655, 345.079

Rectangle

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



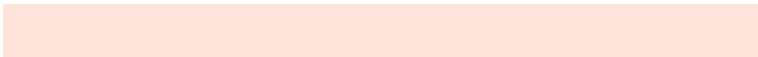
96, 24.622, 160.764



96, 24.622, 210.764



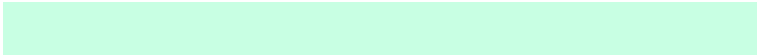
96, 24.622, 340.764



96, 24.622, 30.764

Sweetspot

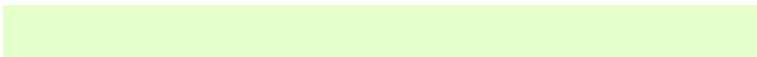
The Sweet Spot groups the original color and five complimentary colors.



96, 24.021, 161.264



99, 6.687, 162.752



97, 29.576, 127.478



53, 4.436, 162.689



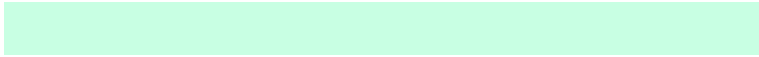
0, 0.000, 0.000



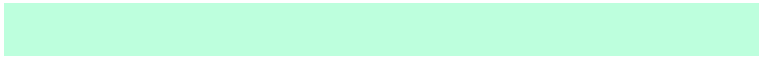
53, 0.007, 296.813

Same Dimension

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



96, 24.021, 161.264



95, 28.891, 160.805



96, 18.152, 196.810



52, 6.342, 162.423



68, 72.471, 148.641



23, 31.241, 151.869

Inverse Universe

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



86, 24.655, 345.079



83, 29.805, 345.537



85, 20.874, 19.706



50, 6.421, 343.926



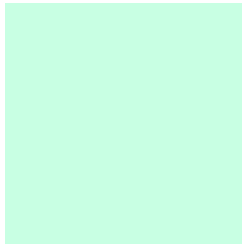
41, 68.350, 1.267



10, 31.956, 355.806

Previews

White Background



This preview shows how the CIE LCh color 96, 24.622, 160.764 looks on a white background.

Color Contrast Check

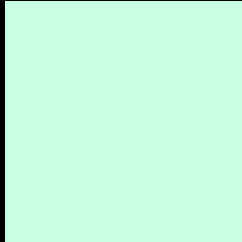
Large Text (above 18pt) WCAG AA × Fail

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, 24.622, 160.764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

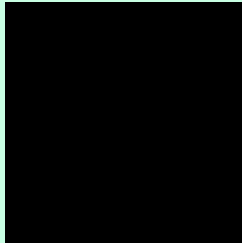
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

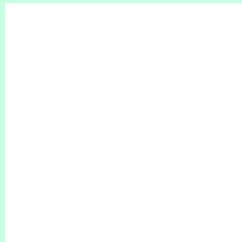
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 24.622, 160.764

Background



This preview shows how black text looks on a background with the CIELCh color 96, 24.622, 160.764.

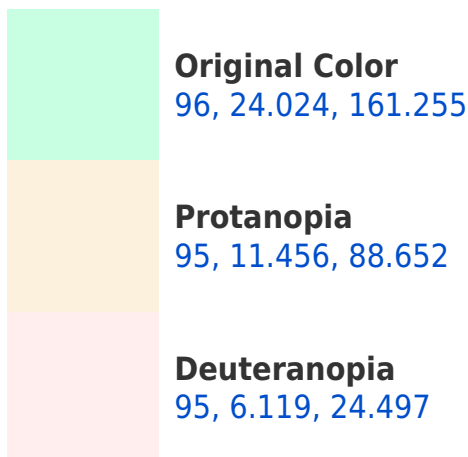


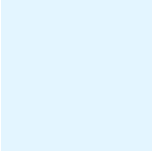
This preview shows how white text looks on a background with the CIELCh color 96, 24.622, 160.764.

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



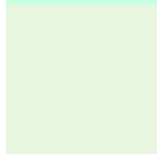


Tritanopia
96, 7.892, 239.823

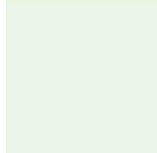
Trichromacy



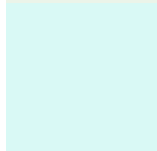
Original Color
96, 24.024, 161.255



Protanomaly
95, 12.691, 130.926



Deuteranomaly
95, 6.504, 139.184



Tritanomaly
96, 11.179, 188.132

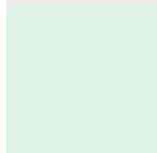
Monochromacy



Original Color
96, 24.024, 161.255



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 8.777, 163.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 24.622, 160.764 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(200, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(200, 255, 227)  
}
```

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(200, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 255, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 24.622, 160.764 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(200, 255, 227) }
```

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

```
.border{ border-color:rgb(200, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(200, 255,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 24.622, 160.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 255, 227) }
```

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

```
.background{ background-color: rgb(200,  
255, 227) }
```

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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