

Converting Colors

CIELCh(96, 22.257, 179.356)

Have a look what the booklet for
CIELCh(96, 22.257, 179.356)
contains.

CIELCh(96, 21.915, 180.256)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(96, 21.915, 180.256)

Conversions

Conversions Part 1

Format	Color
Hex	C2FFF3
RGB	194, 255, 243
RGB Percent	76%, 100%, 95%
CMY	0.2397, 0.0000, 0.0475
CMYK	0.24, 0.00, 0.05, 0.00
HSL	168°, 100%, 88%
HSV	168°, 24%, 100%
XYZ	74.4200, 90.0078, 98.1523
YIQ	235.3930, -32.5040, -16.6640

Conversions

Conversions Part 2

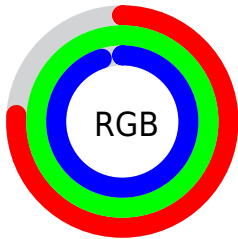
Format	Color
RYB	194, 228, 255
Decimal	12779507
CIELab	96.00, -21.91, -0.10
CIElCh	96, 21.915, 180.256
Yxy	90.0078, 0.2834, 0.3428
Android (android.graphics.Color)	4290969587 (0xFFC2FFF3)
YUV	235.3930, 3.7503, -36.3017
Hunter-Lab	94.8724, -26.0075, 5.0709

Details

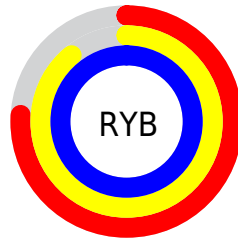
The CIELCh color **96, 21.915, 180.256** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 23.736, 5.933**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.389, 199.794**, and **76, 21.334, 181.583** is the 20% darker color. If you saturate the color by 10%, you get **94, 29.712, 180.161**, and if you desaturate by 10%, it is **97, 12.754, 182.170**.

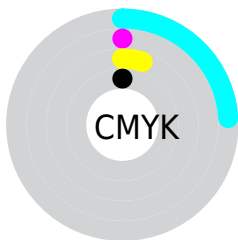
Distribution



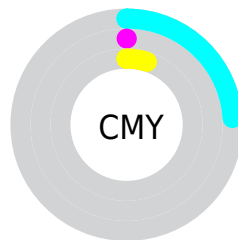
- Red (76%)
- Green (100%)
- Blue (95%)



- Red (76%)
- Yellow (89%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 21.915, 180.256 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, 21.915, 180.256 by changing the saturation by 10% instead.


 96, 21.915,
180.256


 96, 21.915,
180.256


 100, 21.915,
180.256


 86, 21.915,
180.256

 76, 21.915,
180.256

 66, 21.915,
180.256

 56, 21.915,
180.256

 46, 21.915,
180.256

 36, 21.915,
180.256

 26, 21.915,

180.256

■ 16, 21.915,
180.256

■ 6, 21.915, 180.256

■ 96, 21.915,
180.256

■ 96, 21.915,
180.256

■ 94, 29.712,
180.161

■ 97, 12.754,
182.170

■ 93, 37.279,
179.063

■ 99, 3.671, 183.203

■ 92, 44.029,
177.875

100, 0.012,
296.813

■ 91, 49.830,
176.573

■ 91, 54.597,
175.133

■ 90, 58.308,
173.533

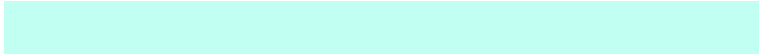
■ 90, 61.036,
171.759

■ 90, 62.339,
170.632

Harmonies

Complementary

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



96, 21.915, 180.256



84, 23.736, 5.933

Rectangle

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



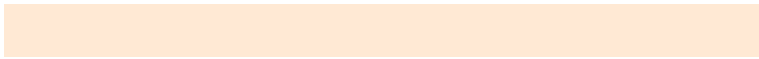
96, 21.915, 180.256



96, 21.915, 230.256



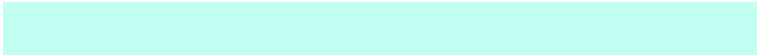
96, 21.915, 0.256



96, 21.915, 50.256

Sweetspot

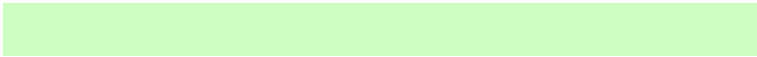
The Sweet Spot groups the original color and five complimentary colors.



96, 21.485, 181.189



99, 6.450, 182.859



95, 35.942, 137.581



53, 4.188, 182.796



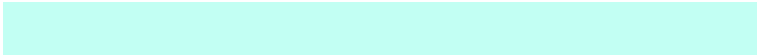
0, 0.000, 0.000



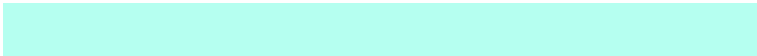
53, 0.007, 296.813

Same Dimension

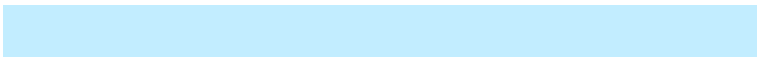
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 21.485, 181.189



95, 25.694, 180.680



91, 16.596, 233.797



52, 5.223, 182.606



69, 49.990, 170.981



23, 22.313, 173.479

Inverse Universe

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



84, 23.736, 5.933



81, 29.041, 6.629



88, 19.132, 50.055



50, 5.426, 4.222



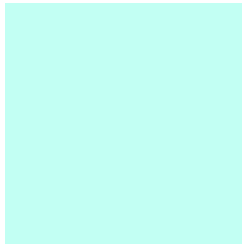
40, 75.035, 29.732



10, 31.995, 18.825

Previews

White Background



This preview shows how the CIE LCh color 96, 21.915, 180.256 looks on a white background.

Color Contrast Check

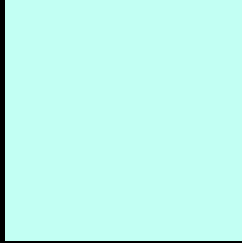
Large Text (above 18pt) WCAG AA × Fail

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, 21.915, 180.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

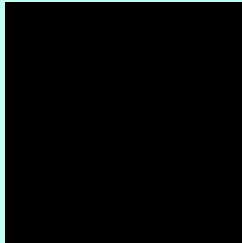
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

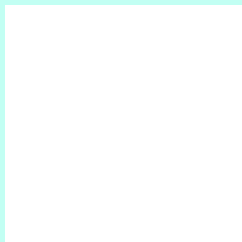
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 21.915, 180.256

Background



This preview shows how black text looks on a background with the CIELCh color 96, 21.915, 180.256.

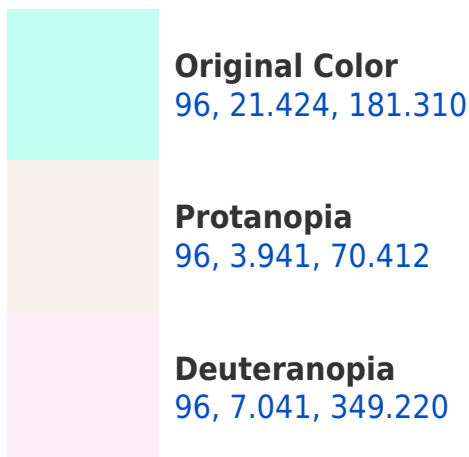


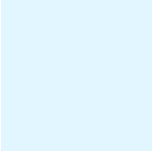
This preview shows how white text looks on a background with the CIELCh color 96, 21.915, 180.256.

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



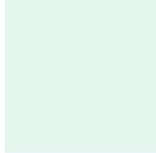


Tritanopia
96, 8.392, 232.550

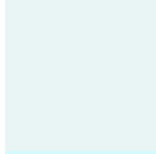
Trichromacy



Original Color
96, 21.424, 181.310



Protanomaly
95, 7.571, 166.187

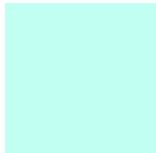


Deuteranomaly
95, 3.830, 199.321

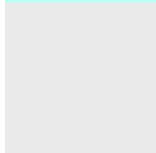


Tritanomaly
96, 11.821, 203.713

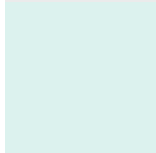
Monochromacy



Original Color
96, 21.424, 181.310



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 7.951, 183.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 21.915, 180.256 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 21.915, 180.256 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, 243) }
```

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

```
.border{ border-color:rgb(194, 255, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 21.915, 180.256 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, 243) }
```

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

```
.background{ background-color: rgb(194,  
255, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor