

Converting Colors

CIELCh(96, 22.615, 179.642)

Have a look what the booklet for
CIELCh(96, 22.615, 179.642)
contains.

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Color

CIElCh(96, 22.209, 180.476)

Conversions

Conversions Part 1

Format	Color
Hex	C1FFF3
RGB	193, 255, 243
RGB Percent	76%, 100%, 95%
CMY	0.2431, 0.0000, 0.0469
CMYK	0.24, 0.00, 0.05, 0.00
HSL	168°, 100%, 88%
HSV	168°, 24%, 100%
XYZ	74.2779, 90.0078, 98.2844
YIQ	235.0940, -33.1000, -16.8760

Conversions

Conversions Part 2

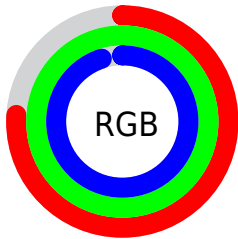
Format	Color
R_{YB}	193, 227, 255
Decimal	12713971
CIE _{Lab}	96.00, -22.21, -0.18
CIE _{LCh}	96, 22.209, 180.476
Yxy	90.0078, 0.2829, 0.3428
Android (android.graphics.Color)	4290904051 (0xFFC1FFF3)
YUV	235.0940, 3.8977, -36.9164
Hunter-Lab	94.8724, -26.2748, 4.9884

Details

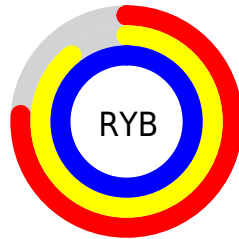
The CIELCh color **96, 22.209, 180.476** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 24.054, 6.373**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.735, 199.677**, and **76, 21.629, 181.783** is the 20% darker color. If you saturate the color by 10%, you get **94, 29.878, 180.549**, and if you desaturate by 10%, it is **97, 13.018, 182.546**.

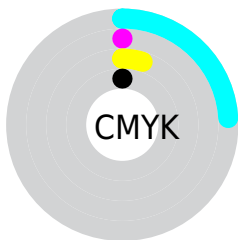
Distribution



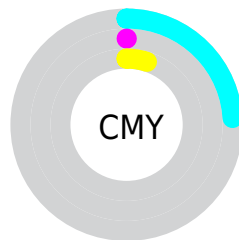
- Red (76%)
- Green (100%)
- Blue (95%)



- 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, 22.209, 180.476 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, 22.209, 180.476 by changing the saturation by 10% instead.

 96, 22.209,
180.476


 96, 22.209,
180.476


 100, 22.209,
180.476

 86, 22.209,
180.476

 76, 22.209,
180.476

 66, 22.209,
180.476

 56, 22.209,
180.476

 46, 22.209,
180.476

 36, 22.209,
180.476

 26, 22.209,

180.476

■ 16, 22.209,
180.476

■ 6, 22.209, 180.476

■ 96, 22.209,
180.476

■ 96, 22.209,
180.476

■ 94, 29.878,
180.549

■ 97, 13.018,
182.546

■ 93, 37.379,
179.459

■ 99, 3.969, 183.564

■ 92, 44.055,
178.280

100, 0.012,
296.813

■ 91, 49.774,
176.990

■ 91, 54.454,
175.564

■ 90, 58.077,
173.980

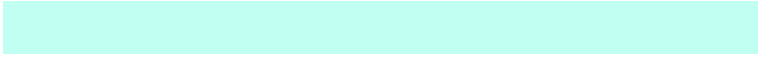
■ 90, 60.720,
172.226

■ 90, 61.915,
171.175

Harmonies

Complementary

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



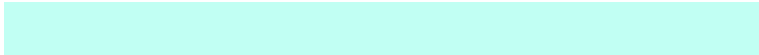
96, 22.209, 180.476



84, 24.054, 6.373

Rectangle

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



96, 22.209, 180.476



96, 22.209, 230.476



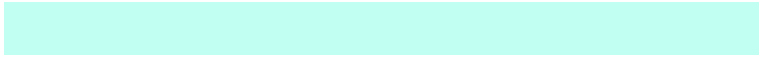
96, 22.209, 0.476



96, 22.209, 50.476

Sweetspot

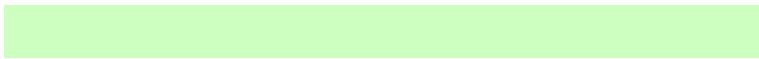
The Sweet Spot groups the original color and five complimentary colors.



96, 21.704, 181.571



99, 6.435, 183.264



95, 36.442, 137.561



53, 4.178, 183.202



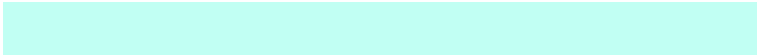
0, 0.000, 0.000



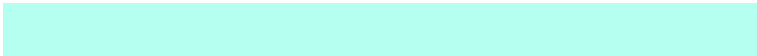
53, 0.007, 296.813

Same Dimension

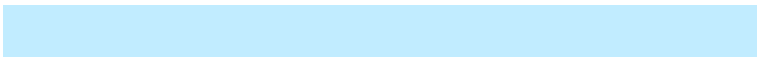
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 21.704, 181.571



95, 25.615, 181.098



91, 16.812, 233.838



52, 5.210, 183.012



69, 49.656, 171.519



23, 22.184, 173.980

Inverse Universe

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



84, 24.054, 6.373



81, 29.010, 7.025



88, 19.423, 50.038



50, 5.416, 4.620



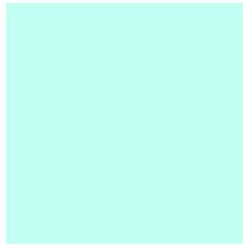
40, 75.295, 30.121



10, 32.026, 19.084

Previews

White Background



This preview shows how the CIE LCh color 96, 22.209, 180.476 looks on a white background.

Color Contrast Check

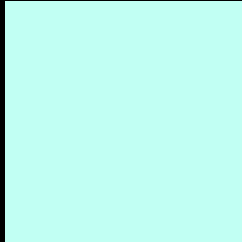
Large Text (above 18pt) WCAG AA × Fail

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, 22.209, 180.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

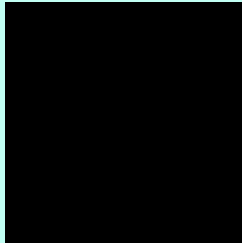
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

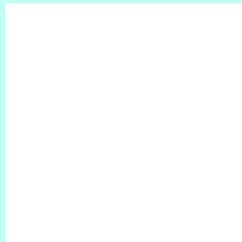
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 22.209, 180.476

Background



This preview shows how black text looks on a background with the CIELCh color 96, 22.209, 180.476.

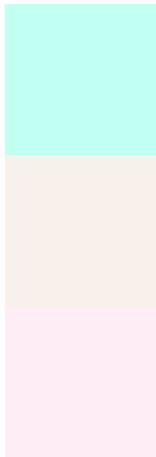


This preview shows how white text looks on a background with the CIELCh color 96, 22.209, 180.476.

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](#).

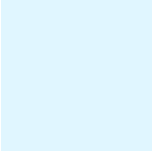
Dichromacy



Original Color
96, 21.719, 181.521

Protanopia
96, 3.941, 70.412

Deuteranopia
95, 7.616, 347.309

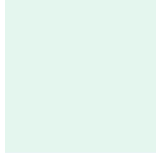


Tritanopia
96, 8.669, 231.333

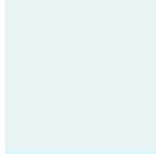
Trichromacy



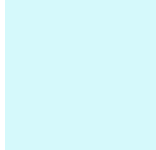
Original Color
96, 21.719, 181.521



Protanomaly
95, 7.571, 166.187

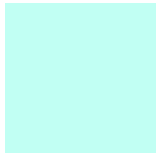


Deuteranomaly
95, 4.174, 199.285

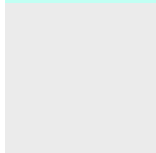


Tritanomaly
96, 12.143, 203.559

Monochromacy



Original Color
96, 21.719, 181.521



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, 22.209, 180.476 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(193, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(193, 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(193, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 255, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 22.209, 180.476 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(193, 255, 243) }
```

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

```
.border{ border-color:rgb(193, 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(193, 255, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(193, 255,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 22.209, 180.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 255, 243) }
```

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

```
.background{ background-color: rgb(193,  
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](#).

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