

Converting Colors

CIELCh(96, 22.416, 180.950)

Have a look what the booklet for
CIELCh(96, 22.416, 180.950)
contains.

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Color

CIELCh(96, 22.013, 181.726)

Conversions

Conversions Part 1

Format	Color
Hex	C1FFF4
RGB	193, 255, 244
RGB Percent	76%, 100%, 96%
CMY	0.2433, 0.0000, 0.0433
CMYK	0.24, 0.00, 0.04, 0.00
HSL	169°, 100%, 88%
HSV	169°, 24%, 100%
XYZ	74.3773, 90.0078, 99.0161
YIQ	235.2080, -33.4210, -16.5650

Conversions

Conversions Part 2

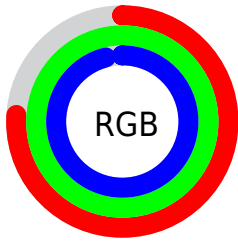
Format	Color
RYB	193, 227, 255
Decimal	12713972
CIELab	96.00, -22.00, -0.66
CIElCh	96, 22.013, 181.726
Yxy	90.0078, 0.2824, 0.3417
Android (android.graphics.Color)	4290904052 (0xFFC1FFF4)
YUV	235.2080, 4.3345, -37.0164
Hunter-Lab	94.8724, -26.0879, 4.5311

Details

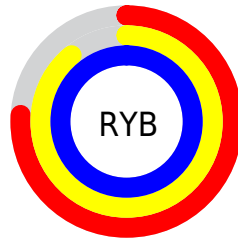
The CIELCh color **96, 22.013, 181.726** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 24.001, 7.527**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.735, 199.677**, and **76, 21.428, 183.144** is the 20% darker color. If you saturate the color by 10%, you get **94, 29.624, 181.783**, and if you desaturate by 10%, it is **97, 12.950, 183.736**.

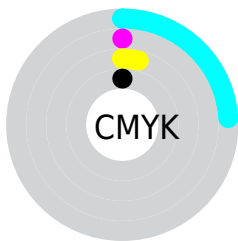
Distribution



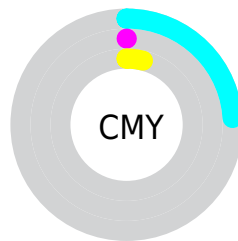
- Red (76%)
- Green (100%)
- Blue (96%)



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



- Cyan (24%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 22.013, 181.726 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, 22.013, 181.726 by changing the saturation by 10% instead.


 96, 22.013,
181.726


 96, 22.013,
181.726


 100, 22.013,
181.726

 86, 22.013,
181.726

 76, 22.013,
181.726

 66, 22.013,
181.726

 56, 22.013,
181.726

 46, 22.013,
181.726

 36, 22.013,
181.726

 26, 22.013,

181.726

■ 16, 22.013,
181.726

■ 6, 22.013, 181.726

■ 96, 22.013,
181.726

■ 96, 22.013,
181.726

■ 94, 29.624,
181.783

■ 97, 12.950,
183.736

■ 93, 37.009,
180.725

■ 99, 3.970, 184.739

■ 92, 43.555,
179.587

100, 0.012,
296.813

■ 91, 49.134,
178.346

■ 91, 53.663,
176.979

■ 90, 57.131,
175.464

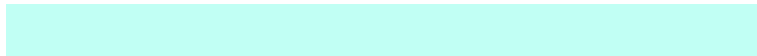
■ 90, 59.614,
173.785

■ 90, 60.712,
172.784

Harmonies

Complementary

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



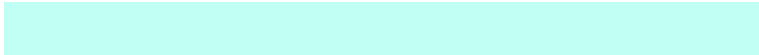
96, 22.013, 181.726



84, 24.001, 7.527

Rectangle

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



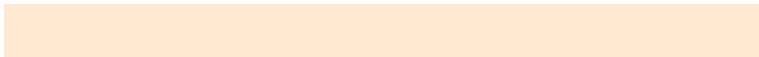
96, 22.013, 181.726



96, 22.013, 231.726



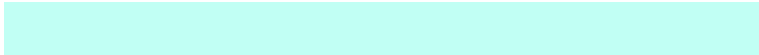
96, 22.013, 1.726



96, 22.013, 51.726

Sweetspot

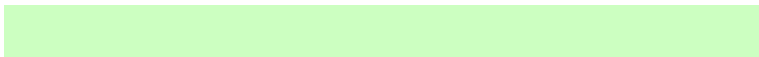
The Sweet Spot groups the original color and five complimentary colors.



96, 21.552, 182.780



99, 6.394, 184.445



95, 36.673, 138.031



53, 4.151, 184.384



0, 0.000, 0.000



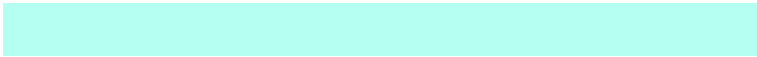
53, 0.007, 296.813

Same Dimension

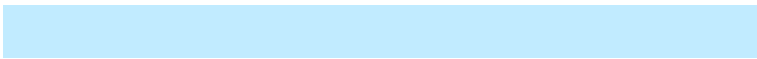
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 21.552, 182.780



95, 25.395, 182.321



91, 16.859, 236.096



52, 5.176, 184.196



69, 48.710, 173.114



23, 21.818, 175.459

Inverse Universe

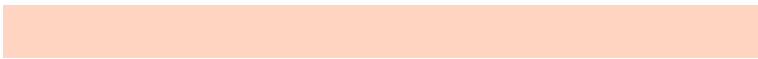
The Inverse Universe completely reimagines the original color for something new.



84, 24.001, 7.527



81, 28.928, 8.175



88, 19.381, 51.919



50, 5.389, 5.781



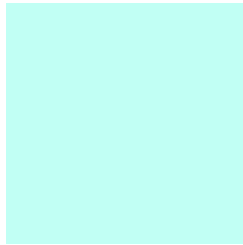
40, 76.058, 31.213



10, 32.116, 19.805

Previews

White Background



This preview shows how the CIE LCh color 96, 22.013, 181.726 looks on a white background.

Color Contrast Check

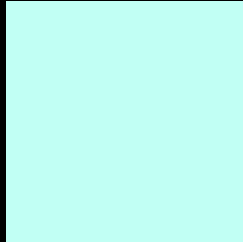
Large Text (above 18pt) WCAG AA × Fail

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, 22.013, 181.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

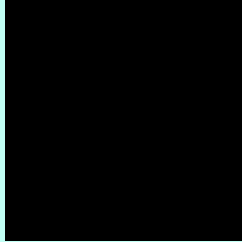
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 22.013, 181.726

Background



This preview shows how black text looks on a background with the CIELCh color 96, 22.013, 181.726.

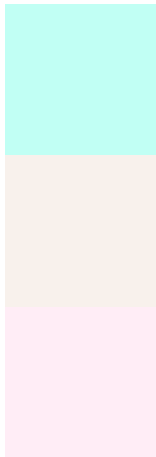


This preview shows how white text looks on a background with the CIELCh color 96, 22.013, 181.726.

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](#).

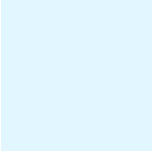
Dichromacy



Original Color
96, 21.532, 182.809

Protanopia
96, 3.558, 65.240

Deuteranopia
95, 7.901, 344.179

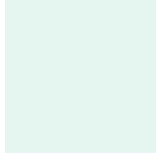


Tritanopia
96, 8.392, 232.550

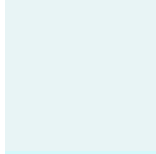
Trichromacy



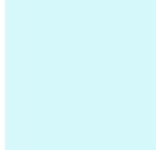
Original Color
96, 21.532, 182.809



Protanomaly
95, 7.291, 169.517

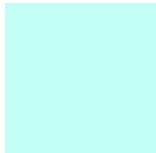


Deuteranomaly
95, 4.190, 206.332

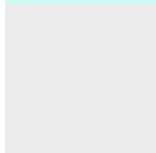


Tritanomaly
96, 12.143, 203.559

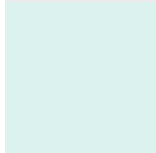
Monochromacy



Original Color
96, 21.532, 182.809



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, 22.013, 181.726 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(193, 255, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 255, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 22.013, 181.726 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, 244) }
```

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

```
.border{ border-color:rgb(193, 255, 244) }
```

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, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(193, 255,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 22.013, 181.726 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, 244) }
```

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

```
.background{ background-color: rgb(193,  
255, 244) }
```

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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