

Converting Colors

CIELCh(100, 29.385, 167.716)

Have a look what the booklet for
CIELCh(100, 29.385, 167.716)
contains.

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Color

CIELCh(96, 21.327, 179.795)

Conversions

Conversions Part 1

Format	Color
Hex	C4FFF3
RGB	196, 255, 243
RGB Percent	77%, 100%, 95%
CMY	0.2331, 0.0000, 0.0488
CMYK	0.23, 0.00, 0.05, 0.00
HSL	167°, 100%, 88%
HSV	167°, 23%, 100%
XYZ	74.7052, 90.0078, 97.8870
YIQ	235.9910, -31.3120, -16.2400

Conversions

Conversions Part 2

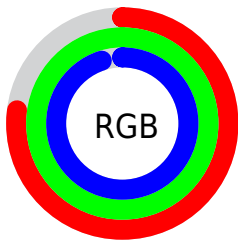
Format	Color
RYB	196, 229, 255
Decimal	12910579
CIELab	96.00, -21.33, 0.08
CIELCh	96, 21.327, 179.795
Yxy	90.0078, 0.2845, 0.3428
Android (android.graphics.Color)	4291100659 (0xFFC4FFF3)
YUV	235.9910, 3.4554, -35.0721
Hunter-Lab	94.8724, -25.4709, 5.2367

Details

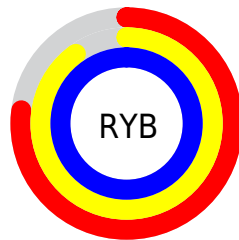
The CIELCh color **96, 21.327, 179.795** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 23.110, 5.022**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.347, 201.292**, and **76, 20.740, 181.159** is the 20% darker color. If you saturate the color by 10%, you get **94, 29.387, 179.359**, and if you desaturate by 10%, it is **97, 12.227, 181.390**.

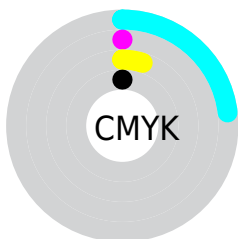
Distribution



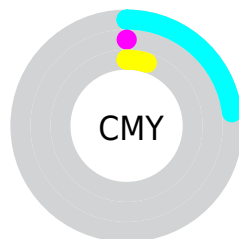
- Red (77%)
- Green (100%)
- Blue (95%)



- Red (77%)
- Yellow (90%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 21.327, 179.795 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, 21.327, 179.795 by changing the saturation by 10% instead.


 96, 21.327,
179.795


 96, 21.327,
179.795


 100, 21.327,
179.795


 86, 21.327,
179.795

 76, 21.327,
179.795

 66, 21.327,
179.795

 56, 21.327,
179.795

 46, 21.327,
179.795

 36, 21.327,
179.795

 26, 21.327,

179.795

■ 16, 21.327,
179.795

■ 6, 21.327, 179.795

■ 96, 21.327,
179.795

■ 96, 21.327,
179.795

■ 94, 29.387,
179.359

■ 97, 12.227,
181.390

■ 93, 37.087,
178.246

■ 99, 3.075, 182.457

■ 92, 43.989,
177.039

100, 0.012,
296.813

■ 91, 49.959,
175.715

■ 91, 54.903,
174.248

■ 90, 58.796,
172.615

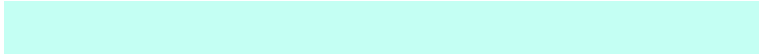
■ 90, 61.701,
170.805

■ 90, 63.236,
169.521

Harmonies

Complementary

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



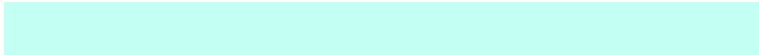
96, 21.327, 179.795



85, 23.110, 5.022

Rectangle

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



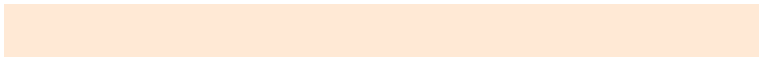
96, 21.327, 179.795



96, 21.327, 229.795



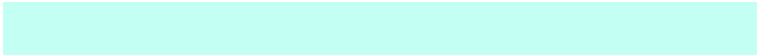
96, 21.327, 359.795



96, 21.327, 49.795

Sweetspot

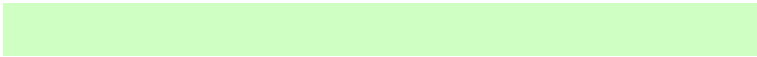
The Sweet Spot groups the original color and five complimentary colors.



96, 21.048, 180.399



99, 6.482, 182.019



96, 34.767, 137.141



53, 4.209, 181.957



0, 0.000, 0.000



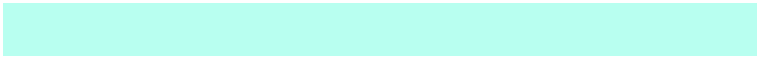
53, 0.007, 296.813

Same Dimension

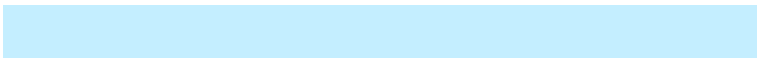
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 21.048, 180.399



95, 25.028, 179.919



92, 16.165, 231.471



52, 5.249, 181.765



69, 50.696, 169.880



23, 22.587, 172.451

Inverse Universe

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



85, 23.110, 5.022



82, 28.048, 5.662



88, 18.637, 48.212



50, 5.447, 3.394



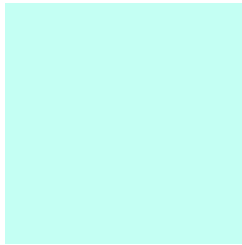
40, 74.499, 28.903



10, 31.930, 18.268

Previews

White Background



This preview shows how the CIE LCh color 96, 21.327, 179.795 looks on a white background.

Color Contrast Check

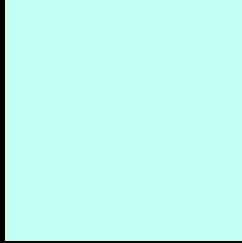
Large Text (above 18pt) WCAG AA × Fail

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, 21.327, 179.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

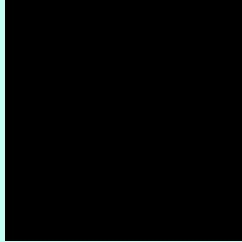
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

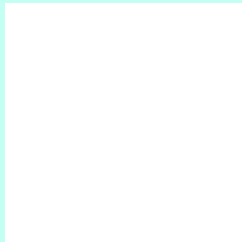
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 21.327, 179.795

Background



This preview shows how black text looks on a background with the CIELCh color 96, 21.327, 179.795.

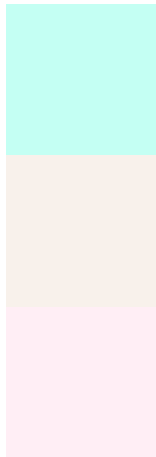


This preview shows how white text looks on a background with the CIELCh color 96, 21.327, 179.795.

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, 20.832, 180.865

Protanopia
96, 3.941, 70.412

Deuteranopia
96, 7.041, 349.220

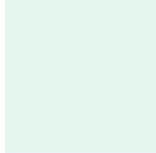


Tritanopia
96, 8.118, 233.851

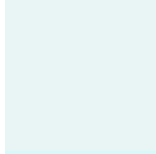
Trichromacy



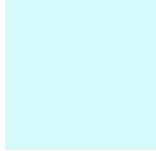
Original Color
96, 20.832, 180.865



Protanomaly
95, 7.281, 164.744

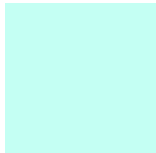


Deuteranomaly
95, 3.830, 199.321

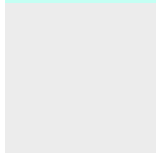


Tritanomaly
96, 11.498, 201.296

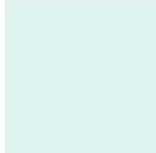
Monochromacy



Original Color
96, 20.832, 180.865



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 8.114, 180.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 21.327, 179.795 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(196, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 255, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 21.327, 179.795 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(196, 255, 243) }
```

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

```
.border{ border-color:rgb(196, 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(196, 255, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(196, 255,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 21.327, 179.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 255, 243) }
```

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

```
.background{ background-color: rgb(196,  
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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