

Converting Colors

CIELCh(100, 29.092, 171.908)

Have a look what the booklet for
CIELCh(100, 29.092, 171.908)
contains.

CIELCh(96, 21.190, 185.447)	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, 21.190, 185.447)

Conversions

Conversions Part 1

Format	Color
Hex	C2FFF7
RGB	194, 255, 247
RGB Percent	76%, 100%, 97%
CMY	0.2409, 0.0000, 0.0330
CMYK	0.24, 0.00, 0.03, 0.00
HSL	172°, 100%, 88%
HSV	172°, 24%, 100%
XYZ	74.8182, 90.0078, 101.0977
YIQ	235.8490, -33.7880, -15.4200

Conversions

Conversions Part 2

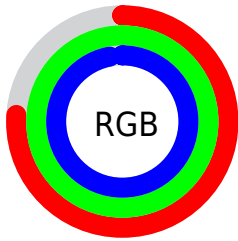
Format	Color
RYB	194, 227, 255
Decimal	12779511
CIELab	96.00, -21.09, -2.01
CIElCh	96, 21.190, 185.447
Yxy	90.0078, 0.2814, 0.3385
Android (android.graphics.Color)	4290969591 (0xFFC2FFF7)
YUV	235.8490, 5.4974, -36.7016
Hunter-Lab	94.8724, -25.2583, 3.2302

Details

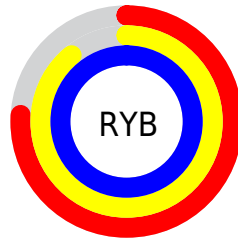
The CIELCh color **96, 21.190, 185.447** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 23.576, 10.633**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.042, 199.975**, and **76, 20.597, 187.241** is the 20% darker color. If you saturate the color by 10%, you get **94, 28.761, 185.251**, and if you desaturate by 10%, it is **97, 12.515, 187.051**.

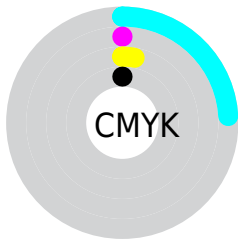
Distribution



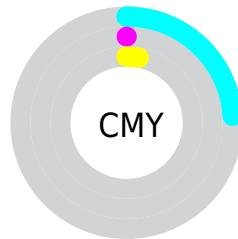
- Red (76%)
- Green (100%)
- Blue (97%)



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



- Cyan (24%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 21.190, 185.447 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, 21.190, 185.447 by changing the saturation by 10% instead.


 96, 21.190,
185.447

 96, 21.190,
185.447


 100, 21.190,
185.447


 86, 21.190,
185.447

 76, 21.190,
185.447

 66, 21.190,
185.447

 56, 21.190,
185.447

 46, 21.190,
185.447

 36, 21.190,
185.447

 26, 21.190,

185.447

■ 16, 21.190,
185.447

■ 6, 21.190, 185.447

■ 96, 21.190,
185.447

■ 96, 21.190,
185.447

■ 94, 28.761,
185.251

■ 97, 12.515,
187.051

■ 93, 35.876,
184.301

■ 99, 3.690, 188.015

■ 92, 42.119,
183.295

100, 0.012,
296.813

■ 92, 47.368,
182.215

■ 91, 51.547,
181.040

■ 91, 54.648,
179.748

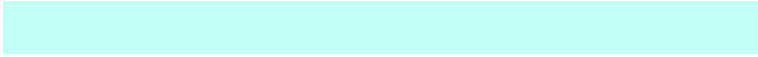
■ 90, 56.748,
178.323

■ 90, 57.653,
177.433

Harmonies

Complementary

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



96, 21.190, 185.447



84, 23.576, 10.633

Rectangle

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



96, 21.190, 185.447



96, 21.190, 235.447



96, 21.190, 5.447



96, 21.190, 55.447

Sweetspot

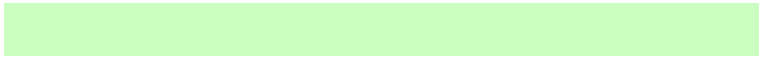
The Sweet Spot groups the original color and five complimentary colors.



96, 20.922, 186.162



99, 6.297, 187.700



95, 36.684, 138.971



53, 4.088, 187.642



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

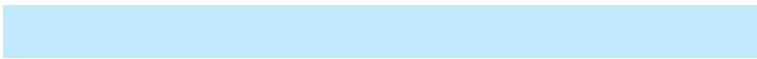
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 20.922, 186.162



95, 24.855, 185.718



90, 16.830, 240.539



52, 5.094, 187.464



70, 46.303, 177.713



23, 20.887, 179.689

Inverse Universe

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



84, 23.576, 10.633



81, 28.771, 11.303



89, 19.100, 55.729



50, 5.329, 8.963



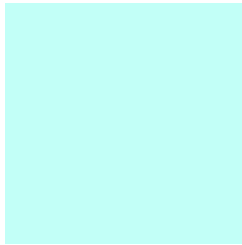
40, 78.151, 33.899



10, 32.360, 21.575

Previews

White Background



This preview shows how the CIE LCh color 96, 21.190, 185.447 looks on a white background.

Color Contrast Check

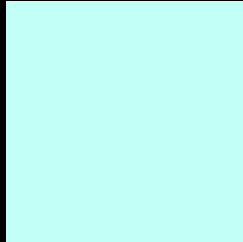
Large Text (above 18pt) WCAG AA × Fail

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, 21.190, 185.447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

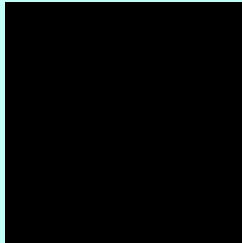
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

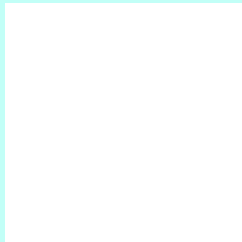
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 21.190, 185.447

Background



This preview shows how black text looks on a background with the CIELCh color 96, 21.190, 185.447.

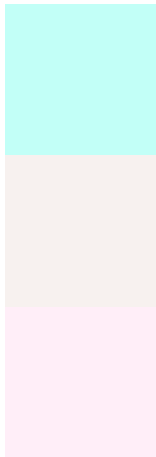


This preview shows how white text looks on a background with the CIELCh color 96, 21.190, 185.447.

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](#).

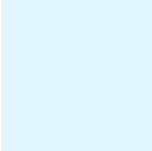
Dichromacy



Original Color
96, 20.736, 186.653

Protanopia
96, 2.353, 45.012

Deuteranopia
96, 7.929, 339.639

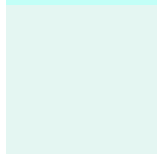


Tritanopia
96, 8.392, 232.550

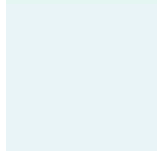
Trichromacy



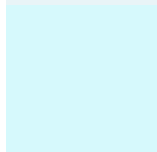
Original Color
96, 20.736, 186.653



Protanomaly
96, 6.619, 180.996



Deuteranomaly
95, 4.086, 221.487

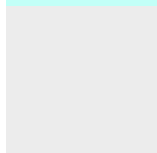


Tritanomaly
96, 11.842, 206.218

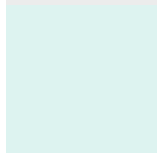
Monochromacy



Original Color
96, 20.736, 186.653



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 7.806, 187.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 21.190, 185.447 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 21.190, 185.447 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, 247) }
```

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

```
.border{ border-color:rgb(194, 255, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 21.190, 185.447 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, 247) }
```

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

```
.background{ background-color: rgb(194,  
255, 247) }
```

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