

Converting Colors

CIELCh(96, 22.218, 188.164)

Have a look what the booklet for
CIELCh(96, 22.218, 188.164)
contains.

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Color

CIElCh(96, 21.651, 189.845)

Conversions

Conversions Part 1

Format	Color
Hex	BFFFFA
RGB	191, 255, 250
RGB Percent	75%, 100%, 98%
CMY	0.2517, 0.0000, 0.0202
CMYK	0.25, 0.00, 0.02, 0.00
HSL	175°, 100%, 87%
HSV	175°, 25%, 100%
XYZ	74.7026, 90.0078, 103.7483
YIQ	235.2940, -36.5390, -15.1230

Conversions

Conversions Part 2

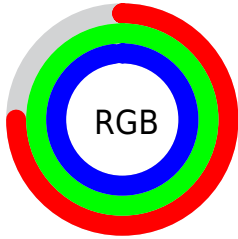
Format	Color
R_{YB}	191, 224, 255
Decimal	12582906
CIE _{Lab}	96.00, -21.33, -3.70
CIE _{LCh}	96, 21.651, 189.845
Yxy	90.0078, 0.2783, 0.3353
Android (android.graphics.Color)	4290772986 (0xFFBFFFA)
YUV	235.2940, 7.2501, -38.8458
Hunter-Lab	94.8724, -25.4757, 1.5738

Details

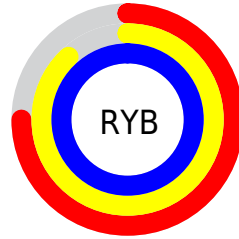
The CIELCh color **96, 21.651, 189.845** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 24.613, 15.154**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.081, 199.592**, and **76, 21.063, 191.913** is the 20% darker color. If you saturate the color by 10%, you get **94, 28.770, 190.161**, and if you desaturate by 10%, it is **97, 13.194, 191.677**.

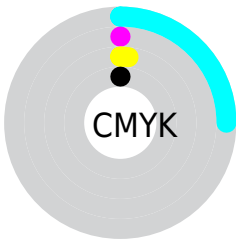
Distribution



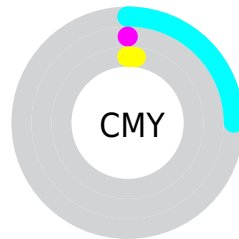
- Red (75%)
- Green (100%)
- Blue (98%)



- Red (75%)
- Yellow (88%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 21.651, 189.845 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, 21.651, 189.845 by changing the saturation by 10% instead.

 96, 21.651,
189.845


 96, 21.651,
189.845


 100, 21.651,
189.845

 86, 21.651,
189.845

 76, 21.651,
189.845

 66, 21.651,
189.845

 56, 21.651,
189.845

 46, 21.651,
189.845

 36, 21.651,
189.845

 26, 21.651,

189.845

■ 16, 21.651,
189.845

■ 6, 21.651, 189.845

■ 96, 21.651,
189.845

■ 96, 21.651,
189.845

■ 94, 28.770,
190.161

■ 97, 13.194,
191.677

■ 93, 35.442,
189.402

■ 99, 4.590, 192.510

■ 92, 41.179,
188.629

100, 0.012,
296.813

■ 92, 45.875,
187.830

■ 91, 49.469,
186.989

■ 91, 51.972,
186.089

■ 91, 53.480,
185.116

■ 91, 53.967,
184.625

Harmonies

Complementary

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



96, 21.651, 189.845



83, 24.613, 15.154

Rectangle

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



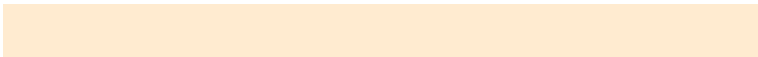
96, 21.651, 189.845



96, 21.651, 239.845



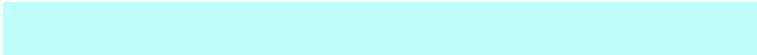
96, 21.651, 9.845



96, 21.651, 59.845

Sweetspot

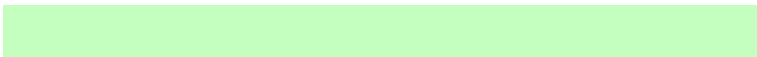
The Sweet Spot groups the original color and five complimentary colors.



96, 21.304, 190.915



99, 7.069, 192.251



95, 39.159, 140.667



52, 5.009, 192.125



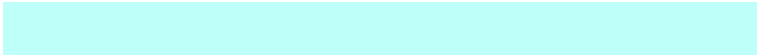
0, 0.000, 0.000



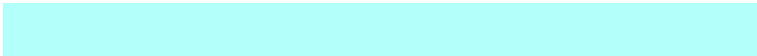
53, 0.007, 296.813

Same Dimension

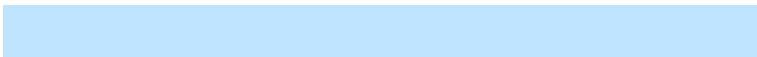
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 21.304, 190.915



95, 25.002, 190.551



89, 18.138, 249.374



52, 5.009, 192.125



70, 43.402, 184.811



24, 19.765, 186.114

Inverse Universe

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



83, 24.613, 15.154



80, 29.791, 15.796



89, 20.157, 63.190



50, 5.274, 13.454



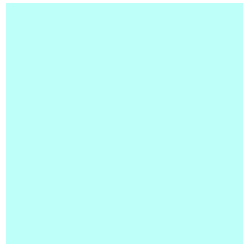
40, 80.881, 36.892



10, 32.739, 23.928

Previews

White Background



This preview shows how the CIE LCh color 96, 21.651, 189.845 looks on a white background.

Color Contrast Check

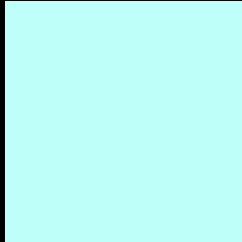
Large Text (above 18pt) WCAG AA × Fail

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, 21.651, 189.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

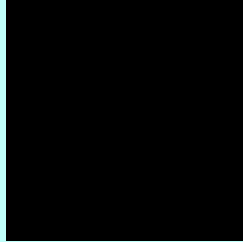
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 21.651, 189.845

Background



This preview shows how black text looks on a background with the CIELCh color 96, 21.651, 189.845.

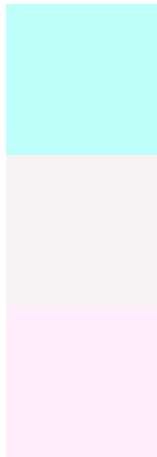


This preview shows how white text looks on a background with the CIELCh color 96, 21.651, 189.845.

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](#).

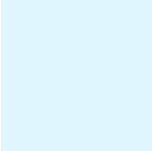
Dichromacy



Original Color
96, 21.233, 191.116

Protanopia
96, 1.850, 3.112

Deuteranopia
95, 9.617, 331.728

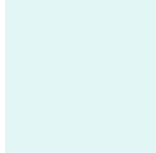


Tritanopia
96, 8.669, 231.333

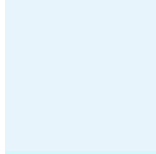
Trichromacy



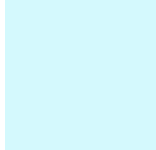
Original Color
96, 21.233, 191.116



Protanomaly
95, 6.934, 194.793

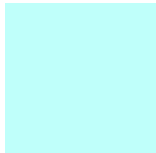


Deuteranomaly
96, 5.418, 240.902

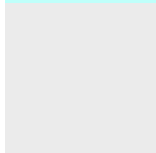


Tritanomaly
96, 12.517, 208.162

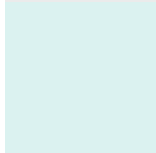
Monochromacy



Original Color
96, 21.233, 191.116



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 8.039, 191.574

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 21.651, 189.845 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(191, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 250)  
}
```

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(191, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 21.651, 189.845 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(191, 255, 250) }
```

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

```
.border{ border-color:rgb(191, 255, 250) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(191, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(191, 255,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 21.651, 189.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 255, 250) }
```

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

```
.background{ background-color: rgb(191,  
255, 250) }
```

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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