

Converting Colors

CIELCh(96, 15.456, 232.191)

Have a look what the booklet for
CIELCh(96, 15.456, 232.191)
contains.

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Color

CIELCh(96, 13.502, 209.631)

Conversions

Conversions Part 1

Format	Color
Hex	D3FBFF
RGB	211, 251, 255
RGB Percent	83%, 98%, 100%
CMY	0.1732, 0.0162, 0.0000
CMYK	0.17, 0.02, 0.00, 0.00
HSL	186°, 100%, 91%
HSV	186°, 17%, 100%
XYZ	79.4608, 90.0078, 108.5225
YIQ	239.4960, -25.1240, -7.2360

Conversions

Conversions Part 2

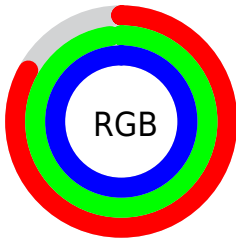
Format	Color
R_{YB}	211, 232, 255
Decimal	13892607
CIE _{Lab}	96.00, -11.74, -6.68
CIE _{LCh}	96, 13.502, 209.631
Yxy	90.0078, 0.2858, 0.3238
Android (android.graphics.Color)	4292082687 (0xFFD3FBFF)
YUV	239.4960, 7.6435, -24.9910
Hunter-Lab	94.8724, -16.5234, -1.4098

Details

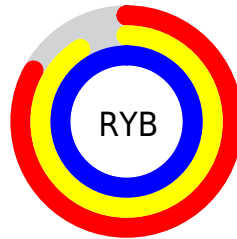
The CIELCh color **96, 13.502, 209.631** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 15.138, 28.529**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 13.252, 207.870** is the 20% darker color. If you saturate the color by 10%, you get **94, 20.504, 207.677**, and if you desaturate by 10%, it is **98, 5.851, 207.929**.

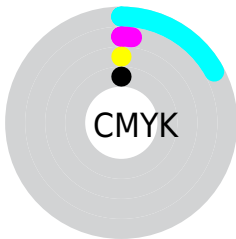
Distribution



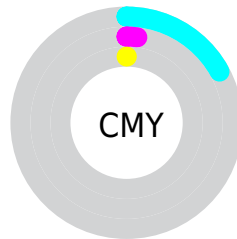
- Red (83%)
- Green (98%)
- Blue (100%)



- Red (83%)
- Yellow (91%)
- Blue (100%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 13.502, 209.631 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, 13.502, 209.631 by changing the saturation by 10% instead.


 96, 13.502,
209.631


 96, 13.502,
209.631


 100, 13.502,
209.631


 86, 13.502,
209.631

 76, 13.502,
209.631

 66, 13.502,
209.631

 56, 13.502,
209.631

 46, 13.502,
209.631

 36, 13.502,
209.631

 26, 13.502,

209.631

■ 16, 13.502,
209.631

■ 6, 13.502, 209.631

■ 96, 13.502,
209.631

■ 96, 13.502,
209.631

■ 94, 20.504,
207.677

■ 98, 5.851, 207.929

■ 92, 26.851,
207.763

100, 0.012,
296.813

■ 90, 32.366,
208.010

■ 89, 36.928,
208.450

■ 87, 40.448,
209.118

■ 86, 42.887,
210.051

■ 85, 44.276,
211.286

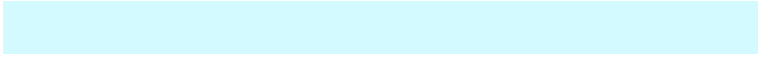
■ 84, 44.745,
212.841

■ 84, 44.791,
213.291

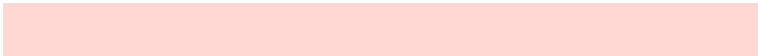
Harmonies

Complementary

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



96, 13.502, 209.631



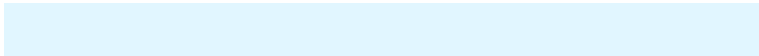
89, 15.138, 28.529

Rectangle

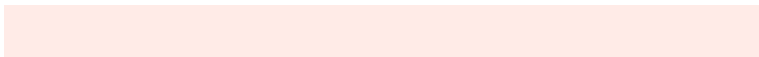
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



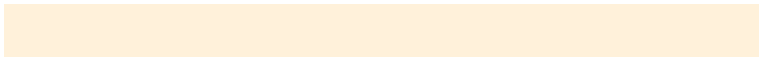
96, 13.502, 209.631



96, 13.502, 259.631



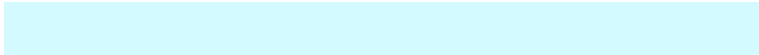
96, 13.502, 29.631



96, 13.502, 79.631

Sweetspot

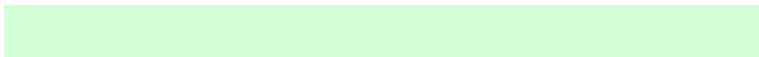
The Sweet Spot groups the original color and five complimentary colors.



96, 13.459, 207.728



99, 4.022, 208.025



96, 26.112, 145.650



53, 2.739, 207.991



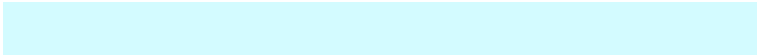
0, 0.000, 0.000



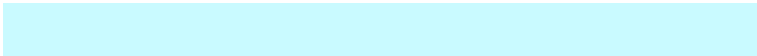
53, 0.007, 296.813

Same Dimension

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



96, 13.459, 207.728



95, 16.127, 207.695



90, 14.554, 266.395



52, 4.521, 207.866



65, 36.124, 212.967



21, 16.783, 210.752

Inverse Universe

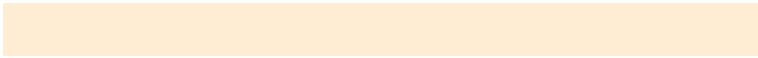
The Inverse Universe completely reimagines the original color for something new.



89, 25.966, 328.078



87, 31.514, 328.298



94, 14.887, 81.608



50, 8.494, 327.608



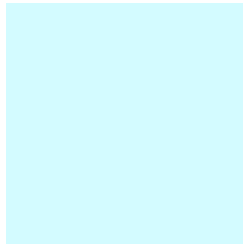
44, 86.475, 332.361



12, 40.136, 331.818

Previews

White Background



This preview shows how the CIE LCh color 96, 13.502, 209.631 looks on a white background.

Color Contrast Check

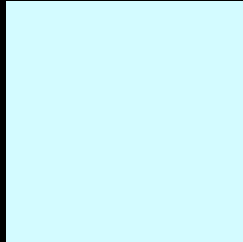
Large Text (above 18pt) WCAG AA × Fail

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, 13.502, 209.631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

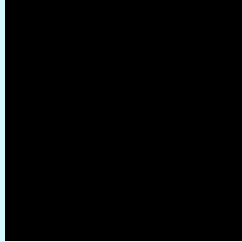
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 13.502, 209.631

Background



This preview shows how black text looks on a background with the CIELCh color 96, 13.502, 209.631.



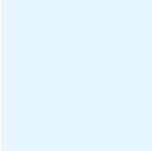
This preview shows how white text looks on a background with the CIELCh color 96, 13.502, 209.631.

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



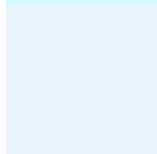


Tritanopia
96, 7.066, 240.063

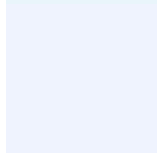
Trichromacy



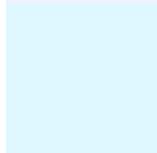
Original Color
96, 13.446, 207.437



Protanomaly
96, 5.103, 236.436



Deuteranomaly
96, 5.788, 276.864

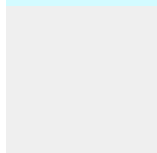


Tritanomaly
96, 9.105, 222.250

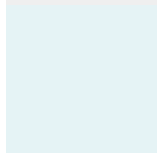
Monochromacy



Original Color
96, 13.446, 207.437



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 4.937, 211.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 13.502, 209.631 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(211, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 251, 255)  
}
```

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(211, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 251, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 13.502, 209.631 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(211, 251, 255) }
```

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

```
.border{ border-color:rgb(211, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 251,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 13.502, 209.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 251, 255) }
```

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

```
.background{ background-color: rgb(211,  
251, 255) }
```

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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