

Converting Colors

CIELCh(96, 16.283, 232.380)

Have a look what the booklet for
CIELCh(96, 16.283, 232.380)
contains.

CIELCh(96, 14.122, 209.106)	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

CIECh(96, 14.122, 209.106)

Conversions

Conversions Part 1

Format	Color
Hex	D1FBFF
RGB	209, 251, 255
RGB Percent	82%, 98%, 100%
CMY	0.1797, 0.0148, 0.0000
CMYK	0.18, 0.01, 0.00, 0.00
HSL	185°, 100%, 91%
HSV	185°, 18%, 100%
XYZ	79.1563, 90.0078, 108.8385
YIQ	238.8980, -26.3160, -7.6600

Conversions

Conversions Part 2

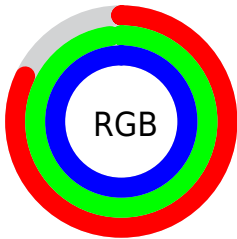
Format	Color
R_{YB}	209, 231, 255
Decimal	13761535
CIE _{Lab}	96.00, -12.34, -6.87
CIE _{LCh}	96, 14.122, 209.106
Yxy	90.0078, 0.2847, 0.3238
Android (android.graphics.Color)	4291951615 (0xFFD1FBFF)
YUV	238.8980, 7.9383, -26.2205
Hunter-Lab	94.8724, -17.0962, -1.6073

Details

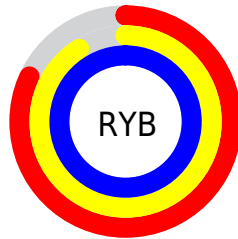
The CIELCh color **96, 14.122, 209.106** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 15.900, 27.555**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 13.887, 207.390** is the 20% darker color. If you saturate the color by 10%, you get **94, 21.144, 206.438**, and if you desaturate by 10%, it is **98, 6.422, 206.778**.

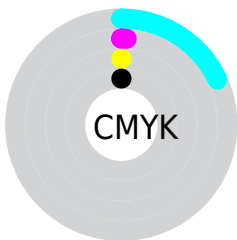
Distribution



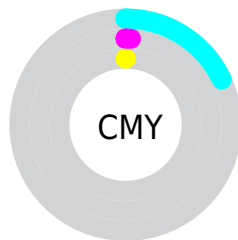
- Red (82%)
- Green (98%)
- Blue (100%)



- Red (82%)
- Yellow (91%)
- Blue (100%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)




- Cyan (18%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 14.122, 209.106 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, 14.122, 209.106 by changing the saturation by 10% instead.


 96, 14.122,
209.106


 96, 14.122,
209.106

 100, 14.122,
209.106


 86, 14.122,
209.106


 76, 14.122,
209.106

 66, 14.122,
209.106

 56, 14.122,
209.106

 46, 14.122,
209.106

 36, 14.122,
209.106

 26, 14.122,

209.106

■ 16, 14.122,
209.106

■ 6, 14.122, 209.106

■ 96, 14.122,
209.106

■ 96, 14.122,
209.106

■ 94, 21.144,
206.438

■ 98, 6.422, 206.778

■ 92, 27.501,
206.465

100, 0.012,
296.813

■ 91, 33.010,
206.641

■ 89, 37.549,
206.993

■ 88, 41.032,
207.554

■ 87, 43.424,
208.355

■ 86, 44.763,
209.424

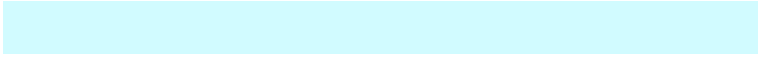
■ 85, 45.192,
210.773

■ 85, 45.227,
211.065

Harmonies

Complementary

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



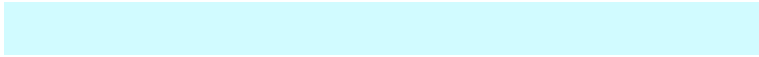
96, 14.122, 209.106



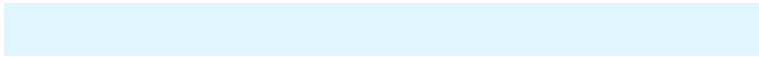
89, 15.900, 27.555

Rectangle

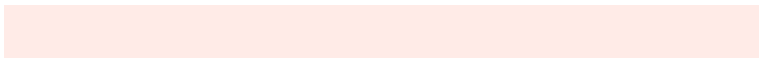
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 14.122, 209.106



96, 14.122, 259.106



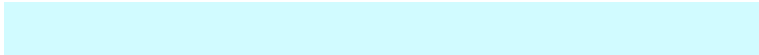
96, 14.122, 29.106



96, 14.122, 79.106

Sweetspot

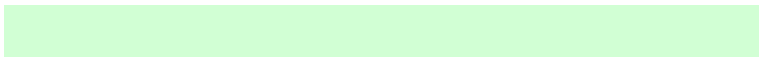
The Sweet Spot groups the original color and five complimentary colors.



96, 14.072, 206.540



99, 4.061, 206.908



96, 27.415, 145.121



53, 2.766, 206.871



0, 0.000, 0.000



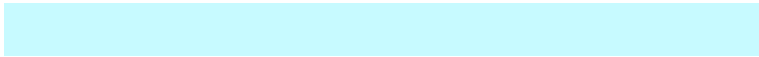
53, 0.007, 296.813

Same Dimension

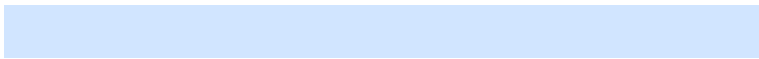
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 14.072, 206.540



95, 17.002, 206.484



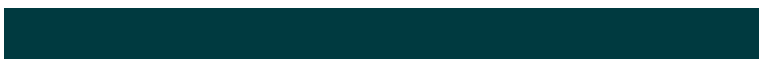
90, 14.841, 264.909



52, 4.565, 206.728



65, 36.476, 210.786



22, 16.943, 208.879

Inverse Universe

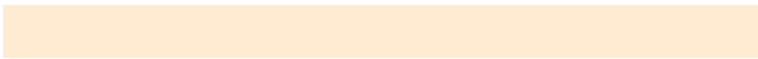
The Inverse Universe completely reimagines the original color for something new.



89, 27.152, 327.779



86, 33.270, 328.017



94, 15.263, 79.933



50, 8.560, 327.274



45, 87.231, 331.827



12, 40.445, 331.359

Previews

White Background



This preview shows how the CIE LCh color 96, 14.122, 209.106 looks on a white background.

Color Contrast Check

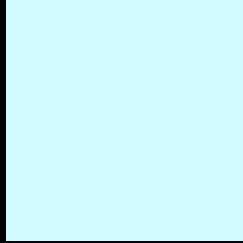
Large Text (above 18pt) WCAG AA × Fail

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, 14.122, 209.106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

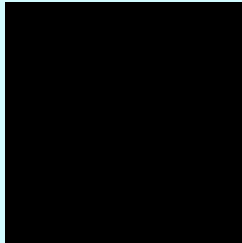
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

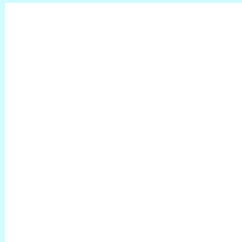
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 14.122, 209.106

Background



This preview shows how black text looks on a background with the CIELCh color 96, 14.122, 209.106.

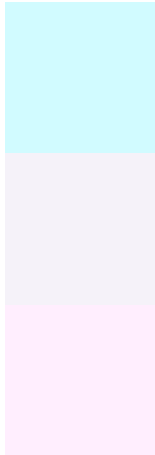


This preview shows how white text looks on a background with the CIELCh color 96, 14.122, 209.106.

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](#).

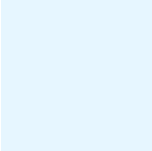
Dichromacy



Original Color
96, 14.071, 207.005

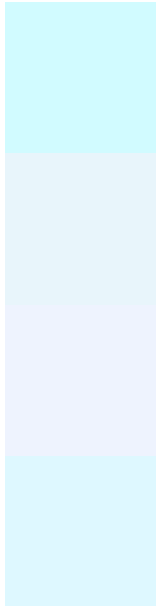
Protanopia
96, 3.761, 306.638

Deuteranopia
96, 10.185, 326.406



Tritanopia
96, 7.066, 240.063

Trichromacy



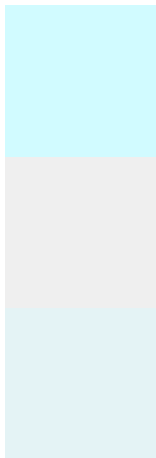
Original Color
96, 14.071, 207.005

Protanomaly
96, 5.377, 234.237

Deuteranomaly
96, 5.873, 273.602

Tritanomaly
96, 9.407, 221.445

Monochromacy



Original Color
96, 14.071, 207.005

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 5.271, 210.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 14.122, 209.106 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(209, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 251, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 14.122, 209.106 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(209, 251, 255) }
```

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

```
.border{ border-color:rgb(209, 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(209, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 251,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 14.122, 209.106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 251, 255) }
```

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

```
.background{ background-color: rgb(209,  
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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