

Converting Colors

CIELCh(96, 13.722, 203.578)

Have a look what the booklet for
CIELCh(96, 13.722, 203.578)
contains.

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Color

CIElCh(96, 13.731, 205.058)

Conversions

Conversions Part 1

Format	Color
Hex	D2FBFE
RGB	210, 251, 254
RGB Percent	82%, 98%, 100%
CMY	0.1757, 0.0149, 0.0032
CMYK	0.17, 0.01, 0.00, 0.00
HSL	184°, 96%, 91%
HSV	184°, 17%, 100%
XYZ	79.1059, 90.0078, 107.1270
YIQ	239.0830, -25.3990, -7.7590

Conversions

Conversions Part 2

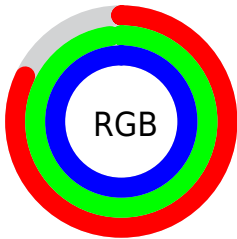
Format	Color
R _Y B	210, 231, 254
Decimal	13827070
CIE Lab	96.00, -12.44, -5.82
CIE LCh	96, 13.731, 205.058
Yxy	90.0078, 0.2864, 0.3258
Android (android.graphics.Color)	4292017150 (0xFFD2FBFE)
YUV	239.0830, 7.3541, -25.5058
Hunter-Lab	94.8724, -17.1911, -0.5377

Details

The CIELCh color **96, 13.731, 205.058** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 15.435, 26.228**, 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, 13.544, 205.318** is the 20% darker color. If you saturate the color by 10%, you get **94, 20.922, 204.867**, and if you desaturate by 10%, it is **98, 5.966, 205.365**.

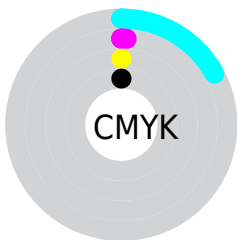
Distribution



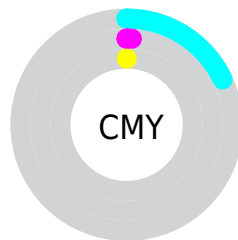
- Red (82%)
- Green (98%)
- Blue (100%)



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



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 13.731, 205.058 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, 13.731, 205.058 by changing the saturation by 10% instead.

96, 13.731,
205.058

96, 13.731,
205.058

100, 13.731,
205.058

86, 13.731,
205.058

76, 13.731,
205.058

66, 13.731,
205.058

56, 13.731,
205.058

46, 13.731,
205.058

36, 13.731,
205.058

26, 13.731,

205.058

■ 16, 13.731,
205.058

■ 6, 13.731, 205.058

■ 96, 13.731,
205.058

■ 96, 13.731,
205.058

■ 94, 20.922,
204.867

■ 98, 5.966, 205.365

100, 0.254, 81.468

■ 92, 27.400,
204.798

100, 0.400,
109.955

■ 91, 33.028,
204.860

■ 90, 37.685,
205.075

■ 88, 41.284,
205.468

■ 87, 43.786,
206.063

■ 87, 45.223,
206.883

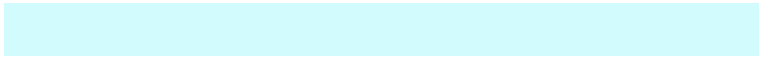
■ 86, 45.723,
207.937

■ 86, 45.773,
208.244

Harmonies

Complementary

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



96, 13.731, 205.058



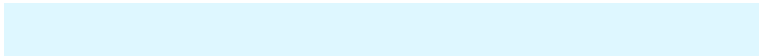
89, 15.435, 26.228

Rectangle

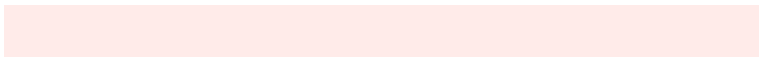
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 13.731, 205.058



96, 13.731, 255.058



96, 13.731, 25.058



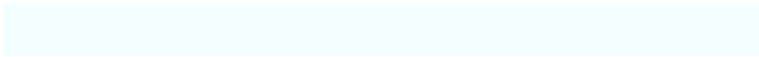
96, 13.731, 75.058

Sweetspot

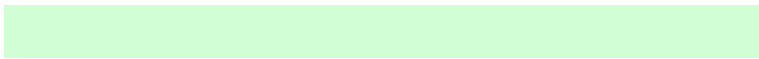
The Sweet Spot groups the original color and five complimentary colors.



96, 13.732, 205.050



99, 4.114, 205.483



96, 26.341, 145.171



53, 2.802, 205.443



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

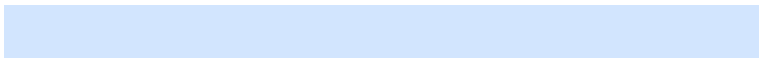
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 13.732, 205.050



96, 16.501, 204.970



90, 14.262, 264.801



52, 4.625, 205.278



66, 37.003, 208.024



22, 17.175, 206.503

Inverse Universe

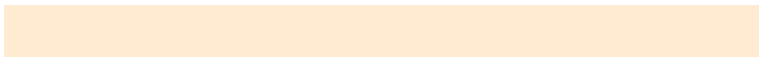
The Inverse Universe completely reimagines the original color for something new.



89, 26.349, 327.307



87, 32.071, 327.523



94, 14.651, 80.019



50, 8.646, 326.847



45, 88.230, 331.149



12, 40.852, 330.775

Previews

White Background



This preview shows how the CIE LCh color 96, 13.731, 205.058 looks on a white background.

Color Contrast Check

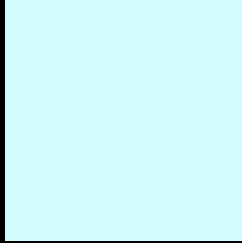
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 96, 13.731, 205.058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

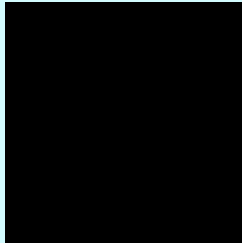
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 13.731, 205.058

Background



This preview shows how black text looks on a background with the CIELCh color 96, 13.731, 205.058.

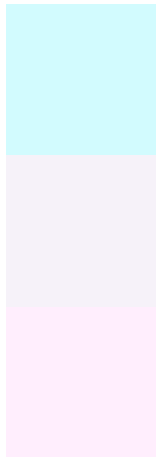


This preview shows how white text looks on a background with the CIELCh color 96, 13.731, 205.058.

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](#).

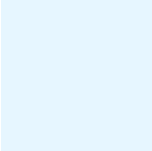
Dichromacy



Original Color
96, 13.731, 205.058

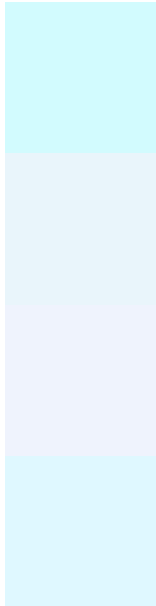
Protanopia
96, 3.877, 311.599

Deuteranopia
96, 9.778, 328.170



Tritanopia
96, 7.066, 240.063

Trichromacy



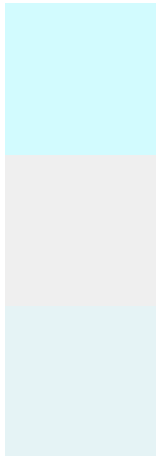
Original Color
96, 13.731, 205.058

Protanomaly
96, 5.103, 236.436

Deuteranomaly
96, 5.293, 275.482

Tritanomaly
96, 9.105, 222.250

Monochromacy



Original Color
96, 13.731, 205.058

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, 13.731, 205.058 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(210, 251, 254)` looks like.

```
.text, #text, p{  
    color:rgb(210, 251, 254)  
}
```

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(210, 251, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 251, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 13.731, 205.058 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(210, 251, 254) }
```

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

```
.border{ border-color:rgb(210, 251, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 251, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 251, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 251, 254);  
box-shadow:4px 4px 4px 4px rgb(210, 251,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 13.731, 205.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 251, 254) }
```

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

```
.background{ background-color: rgb(210,  
251, 254) }
```

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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