

Converting Colors

CIELCh(100, 63.302, 286.129)

Have a look what the booklet for
CIELCh(100, 63.302, 286.129)
contains.

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Color

CIElCh(96, 12.255, 210.839)

Conversions

Conversions Part 1

Format	Color
Hex	D6FAFF
RGB	214, 250, 255
RGB Percent	84%, 98%, 100%
CMY	0.1602, 0.0190, 0.0000
CMYK	0.16, 0.02, 0.00, 0.00
HSL	187°, 100%, 92%
HSV	187°, 16%, 100%
XYZ	80.0768, 90.0078, 107.8828
YIQ	239.8060, -23.0610, -6.0770

Conversions

Conversions Part 2

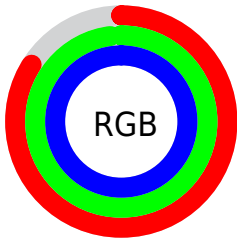
Format	Color
RYB	214, 233, 255
Decimal	14088959
CIELab	96.00, -10.52, -6.28
CIElCh	96, 12.255, 210.839
Yxy	90.0078, 0.2881, 0.3238
Android (android.graphics.Color)	4292279039 (0xFFD6FAFF)
YUV	239.8060, 7.4906, -22.6319
Hunter-Lab	94.8724, -15.3644, -1.0100

Details

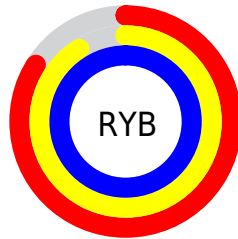
The CIELCh color **96, 12.255, 210.839** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 13.644, 30.838**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 12.290, 208.681** is the 20% darker color. If you saturate the color by 10%, you get **94, 19.226, 210.545**, and if you desaturate by 10%, it is **98, 4.732, 210.595**.

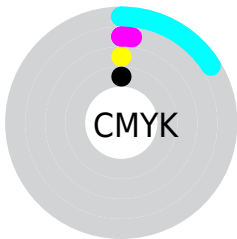
Distribution



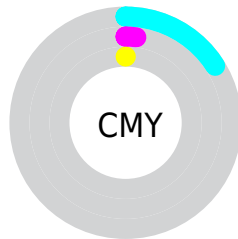
- Red (84%)
- Green (98%)
- Blue (100%)



- Red (84%)
- Yellow (91%)
- Blue (100%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 12.255, 210.839 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, 12.255, 210.839 by changing the saturation by 10% instead.


 96, 12.255,
210.839


 96, 12.255,
210.839


 100, 12.255,
210.839


 86, 12.255,
210.839


 76, 12.255,
210.839

 66, 12.255,
210.839

 56, 12.255,
210.839

 46, 12.255,
210.839

 36, 12.255,
210.839

 26, 12.255,

210.839

■ 16, 12.255,
210.839

■ 6, 12.255, 210.839

■ 96, 12.255,
210.839

■ 96, 12.255,
210.839

■ 94, 19.226,
210.545

■ 98, 4.732, 210.595

■ 92, 25.545,
210.770

100, 0.012,
296.813

■ 90, 31.071,
211.183

■ 88, 35.681,
211.824

■ 86, 39.283,
212.739

■ 85, 41.830,
213.980

■ 84, 43.346,
215.596

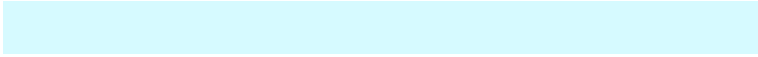
■ 83, 43.945,
217.623

■ 82, 44.032,
218.512

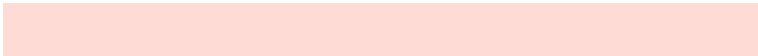
Harmonies

Complementary

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



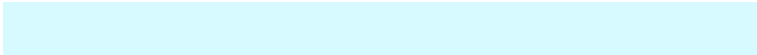
96, 12.255, 210.839



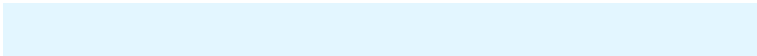
90, 13.644, 30.838

Rectangle

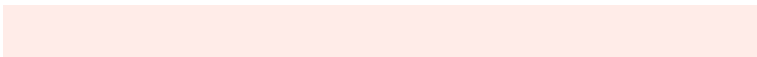
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 12.255, 210.839



96, 12.255, 260.839



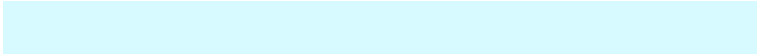
96, 12.255, 30.839



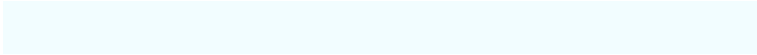
96, 12.255, 80.839

Sweetspot

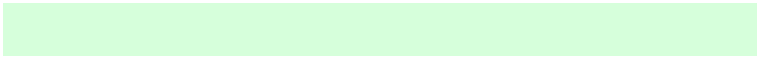
The Sweet Spot groups the original color and five complimentary colors.



96, 12.245, 210.478



99, 3.939, 210.632



96, 23.588, 146.743



53, 2.683, 210.606



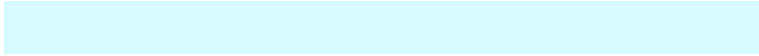
0, 0.000, 0.000



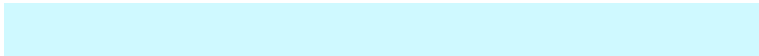
53, 0.007, 296.813

Same Dimension

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



96, 12.245, 210.478



95, 14.386, 210.482



91, 13.951, 269.214



52, 4.427, 210.522



63, 35.505, 218.082



21, 16.482, 215.142

Inverse Universe

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



90, 23.601, 328.784



88, 28.014, 328.966



95, 14.136, 84.830



50, 8.347, 328.383



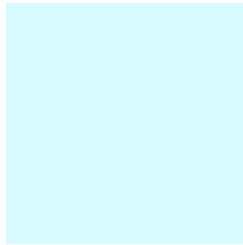
44, 84.793, 333.617



12, 39.447, 332.894

Previews

White Background



This preview shows how the CIE LCh color 96, 12.255, 210.839 looks on a white background.

Color Contrast Check

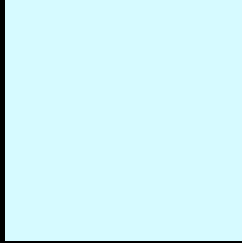
Large Text (above 18pt) WCAG AA × Fail

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, 12.255, 210.839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

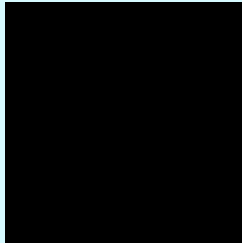
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 12.255, 210.839

Background



This preview shows how black text looks on a background with the CIELCh color 96, 12.255, 210.839.

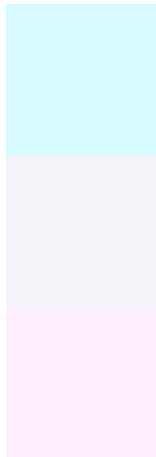


This preview shows how white text looks on a background with the CIELCh color 96, 12.255, 210.839.

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, 12.255, 210.839

Protanopia

96, 4.255, 304.730

Deuteranopia

96, 10.185, 326.406

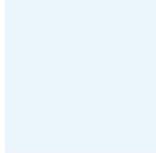


Tritanopia
96, 6.933, 247.072

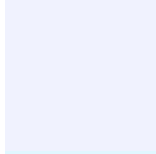
Trichromacy



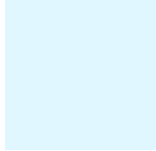
Original Color
96, 12.255, 210.839



Protanomaly
96, 5.166, 243.411

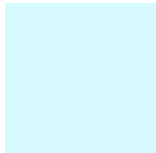


Deuteranomaly
96, 6.189, 284.272

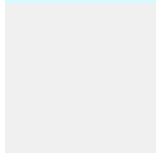


Tritanomaly
96, 8.425, 228.262

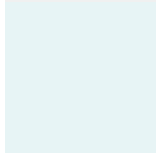
Monochromacy



Original Color
96, 12.255, 210.839



Achromatopsia
95, 0.011, 296.813



Achromatomaly
95, 4.531, 205.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 12.255, 210.839 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(214, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 250, 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(214, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 250, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 12.255, 210.839 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(214, 250, 255) }
```

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

```
.border{ border-color:rgb(214, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 250,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 12.255, 210.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 250, 255) }
```

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

```
.background{ background-color: rgb(214,  
250, 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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