

Converting Colors

CIELCh(96, 12.812, 207.464)

Have a look what the booklet for
CIELCh(96, 12.812, 207.464)
contains.

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Color

CIElCh(96, 12.783, 205.598)

Conversions

Conversions Part 1

Format	Color
Hex	D5FBFE
RGB	213, 251, 254
RGB Percent	84%, 98%, 100%
CMY	0.1660, 0.0170, 0.0053
CMYK	0.16, 0.01, 0.00, 0.01
HSL	184°, 94%, 91%
HSV	184°, 16%, 99%
XYZ	79.5661, 90.0078, 106.6549
YIQ	239.9800, -23.6110, -7.1230

Conversions

Conversions Part 2

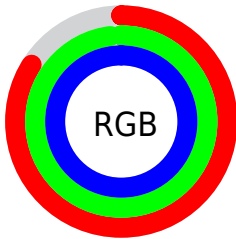
Format	Color
R _Y B	213, 233, 254
Decimal	14023678
CIE Lab	96.00, -11.53, -5.52
CIE LCh	96, 12.783, 205.598
Yxy	90.0078, 0.2880, 0.3258
Android (android.graphics.Color)	4292213758 (0xFFD5FBFE)
YUV	239.9800, 6.9119, -23.6615
Hunter-Lab	94.8724, -16.3252, -0.2427

Details

The CIELCh color **96, 12.783, 205.598** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 14.251, 26.602**, 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, 12.577, 205.921** is the 20% darker color. If you saturate the color by 10%, you get **94, 20.001, 205.418**, and if you desaturate by 10%, it is **98, 5.010, 205.909**.

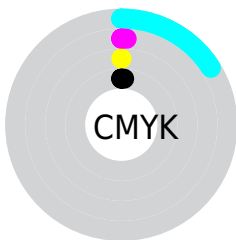
Distribution



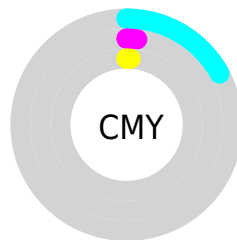
- Red (84%)
- Green (98%)
- Blue (100%)



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



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)





- Cyan (17%)
- Magenta (2%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 12.783, 205.598 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, 12.783, 205.598 by changing the saturation by 10% instead.


 96, 12.783,
205.598


 96, 12.783,
205.598


 100, 12.783,
205.598


 86, 12.783,
205.598

 76, 12.783,
205.598

 66, 12.783,
205.598

 56, 12.783,
205.598

 46, 12.783,
205.598

 36, 12.783,
205.598

 26, 12.783,

205.598

■ 16, 12.783,
205.598

■ 6, 12.783, 205.598

■ 96, 12.783,
205.598

■ 96, 12.783,
205.598

■ 94, 20.001,
205.418

■ 98, 5.010, 205.909

100, 0.412, 77.474

■ 92, 26.527,
205.364

100, 0.671,
110.012

■ 91, 32.223,
205.444

■ 89, 36.967,
205.682

■ 88, 40.666,
206.104

■ 87, 43.273,
206.737

■ 86, 44.813,
207.606

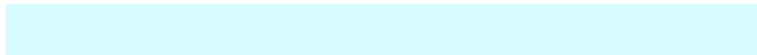
■ 86, 45.395,
208.727

■ 85, 45.464,
209.204

Harmonies

Complementary

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



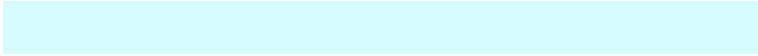
96, 12.783, 205.598



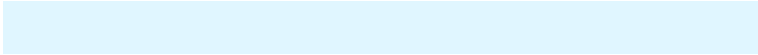
89, 14.251, 26.602

Rectangle

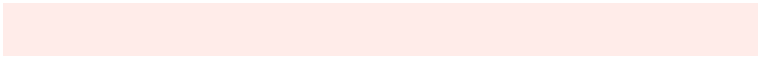
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



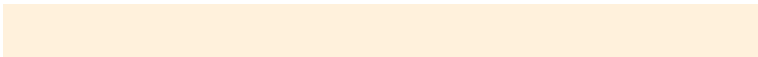
96, 12.783, 205.598



96, 12.783, 255.598



96, 12.783, 25.598



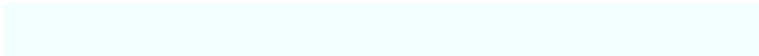
96, 12.783, 75.598

Sweetspot

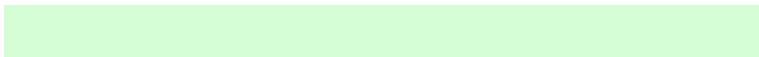
The Sweet Spot groups the original color and five complimentary colors.



96, 12.784, 205.589



99, 4.096, 205.971



96, 24.537, 145.257



53, 2.790, 205.932



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, 12.784, 205.589



96, 14.960, 205.529



91, 13.290, 264.613



52, 4.604, 205.774



66, 36.812, 208.967



22, 17.092, 207.315

Inverse Universe

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



90, 24.462, 327.388



88, 28.909, 327.555



94, 13.624, 80.169



50, 8.616, 326.993



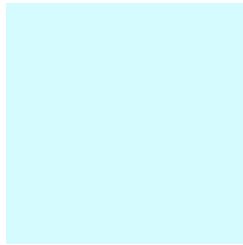
45, 87.883, 331.381



12, 40.711, 330.975

Previews

White Background



This preview shows how the CIE LCh color 96, 12.783, 205.598 looks on a white background.

Color Contrast Check

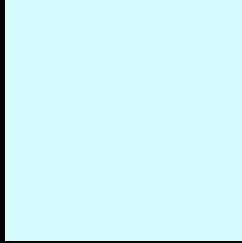
Large Text (above 18pt) WCAG AA × Fail

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, 12.783, 205.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

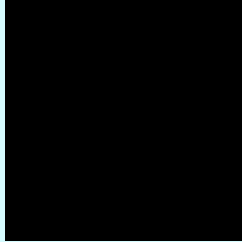
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 12.783, 205.598

Background



This preview shows how black text looks on a background with the CIELCh color 96, 12.783, 205.598.

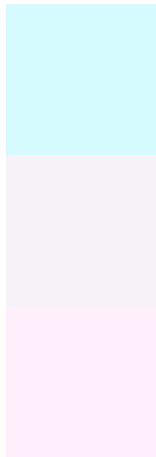


This preview shows how white text looks on a background with the CIELCh color 96, 12.783, 205.598.

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](#).

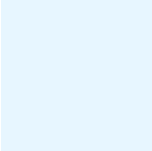
Dichromacy



Original Color
96, 12.783, 205.598

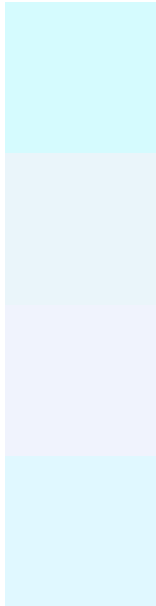
Protanopia
96, 3.405, 314.710

Deuteranopia
96, 9.381, 330.090



Tritanopia
96, 6.816, 241.915

Trichromacy



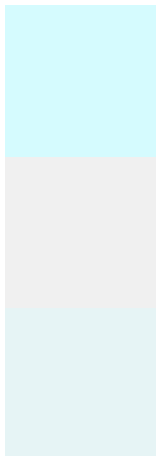
Original Color
96, 12.783, 205.598

Protanomaly
96, 4.542, 233.738

Deuteranomaly
96, 5.220, 279.145

Tritanomaly
96, 8.804, 223.112

Monochromacy



Original Color
96, 12.783, 205.598

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 4.871, 205.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 12.783, 205.598 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(213, 251, 254)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 251, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 251, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 12.783, 205.598 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(213, 251, 254) }
```

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

```
.border{ border-color:rgb(213, 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(213, 251, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 251, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 251, 254);  
box-shadow:4px 4px 4px 4px rgb(213, 251,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 12.783, 205.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 251, 254) }
```

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

```
.background{ background-color: rgb(213,  
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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