

Converting Colors

CIELCh(96, 11.085, 212.116)

Have a look what the booklet for
CIELCh(96, 11.085, 212.116)
contains.

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Color

CIELCh(96, 11.007, 212.320)

Conversions

Conversions Part 1

Format	Color
Hex	D9F9FE
RGB	217, 249, 254
RGB Percent	85%, 98%, 100%
CMY	0.1474, 0.0219, 0.0023
CMYK	0.15, 0.02, 0.00, 0.00
HSL	188°, 97%, 93%
HSV	188°, 15%, 100%
XYZ	80.6993, 90.0078, 107.2390
YIQ	240.0020, -20.6770, -5.2290

Conversions

Conversions Part 2

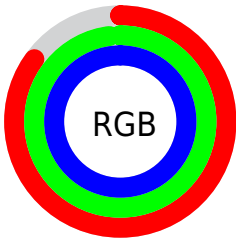
Format	Color
R _Y B	217, 234, 254
Decimal	14285310
CIE Lab	96.00, -9.30, -5.88
CIE LCh	96, 11.007, 212.320
Yxy	90.0078, 0.2903, 0.3238
Android (android.graphics.Color)	4292475390 (0xFFD9F9FE)
YUV	240.0020, 6.9010, -20.1728
Hunter-Lab	94.8724, -14.1932, -0.6077

Details

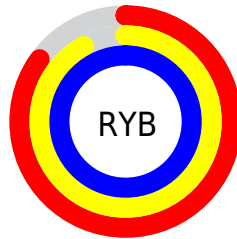
The CIELCh color **96, 11.007, 212.320** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91, 12.132, 32.393**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 11.001, 209.983** is the 20% darker color. If you saturate the color by 10%, you get **94, 17.977, 212.443**, and if you desaturate by 10%, it is **99, 3.534, 212.404**.

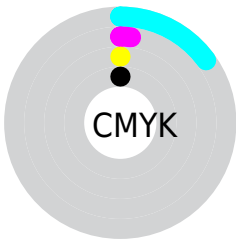
Distribution



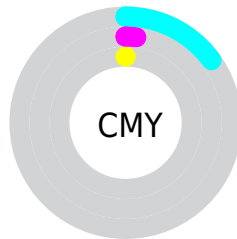
- Red (85%)
- Green (98%)
- Blue (100%)



- Red (85%)
- Yellow (92%)
- Blue (100%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (2%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 11.007, 212.320 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, 11.007, 212.320 by changing the saturation by 10% instead.


 96, 11.007,
212.320


 96, 11.007,
212.320


 100, 11.007,
212.320


 86, 11.007,
212.320

 76, 11.007,
212.320

 66, 11.007,
212.320

 56, 11.007,
212.320

 46, 11.007,
212.320

 36, 11.007,
212.320

 26, 11.007,

212.320

■ 16, 11.007,
212.320

■ 6, 11.007, 212.320

■ 96, 11.007,
212.320

■ 96, 11.007,
212.320

■ 94, 17.977,
212.443

■ 99, 3.534, 212.404

■ 91, 24.318,
212.747

100, 0.282,
109.882

■ 89, 29.901,
213.254

■ 87, 34.605,
214.009

■ 86, 38.332,
215.063

■ 84, 41.029,
216.477

■ 83, 42.712,
218.310

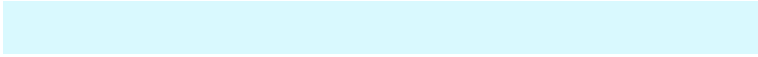
■ 82, 43.482,
220.607

■ 81, 43.645,
222.022

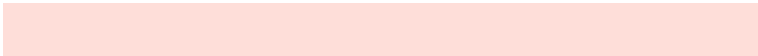
Harmonies

Complementary

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



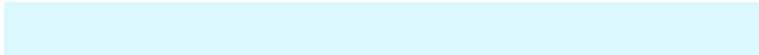
96, 11.007, 212.320



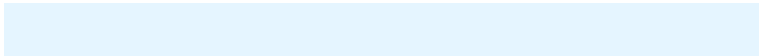
91, 12.132, 32.393

Rectangle

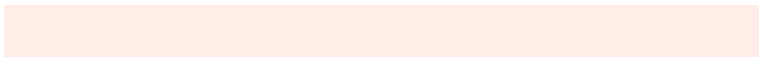
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 11.007, 212.320



96, 11.007, 262.320



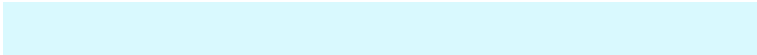
96, 11.007, 32.320



96, 11.007, 82.320

Sweetspot

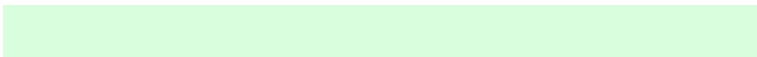
The Sweet Spot groups the original color and five complimentary colors.



96, 11.008, 212.309



99, 3.119, 212.431



97, 21.112, 147.368



53, 2.213, 212.396



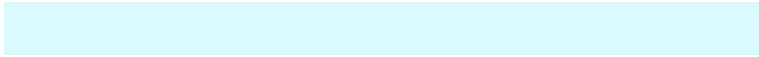
0, 0.000, 0.000



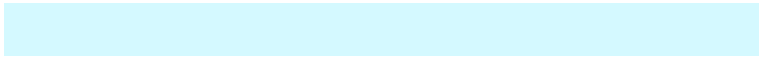
53, 0.007, 296.813

Same Dimension

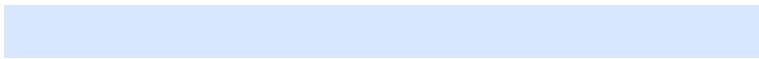
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 11.008, 212.309



96, 12.792, 212.327



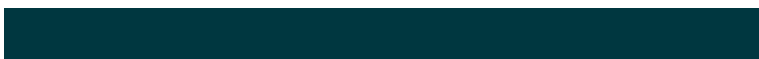
91, 12.867, 270.420



52, 4.372, 212.310



62, 35.242, 221.524



20, 16.333, 218.100

Inverse Universe

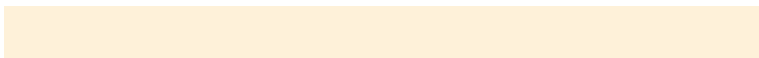
The Inverse Universe completely reimagines the original color for something new.



91, 21.133, 329.217



89, 24.768, 329.370



96, 12.976, 86.481



50, 8.252, 328.903



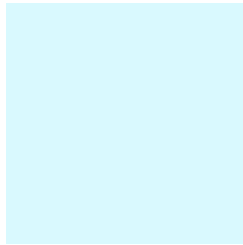
44, 83.722, 334.473



12, 39.006, 333.622

Previews

White Background



This preview shows how the CIE LCh color 96, 11.007, 212.320 looks on a white background.

Color Contrast Check

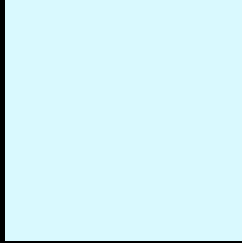
Large Text (above 18pt) WCAG AA × Fail

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, 11.007, 212.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

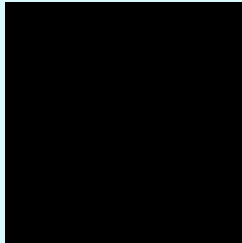
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 11.007, 212.320

Background



This preview shows how black text looks on a background with the CIELCh color 96, 11.007, 212.320.

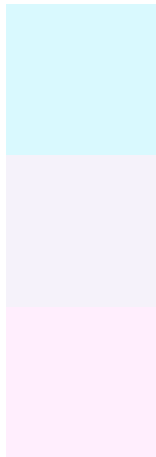


This preview shows how white text looks on a background with the CIELCh color 96, 11.007, 212.320.

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](#).

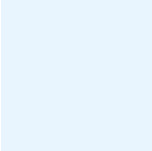
Dichromacy



Original Color
96, 11.007, 212.320

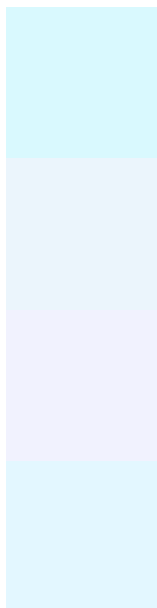
Protanopia
96, 4.255, 304.730

Deuteranopia
96, 9.778, 328.170



Tritanopia
96, 6.712, 249.205

Trichromacy



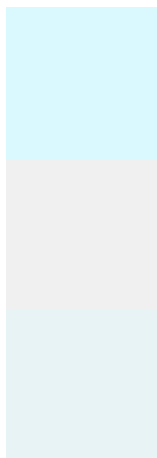
Original Color
96, 11.007, 212.320

Protanomaly
96, 4.928, 246.175

Deuteranomaly
96, 6.166, 287.457

Tritanomaly
96, 7.855, 230.648

Monochromacy



Original Color
96, 11.007, 212.320

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.939, 214.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 11.007, 212.320 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(217, 249, 254)` looks like.

```
.text, #text, p{  
    color:rgb(217, 249, 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(217, 249, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 249, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 11.007, 212.320 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(217, 249, 254) }
```

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

```
.border{ border-color:rgb(217, 249, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 249, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 249, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 249, 254);  
box-shadow:4px 4px 4px 4px rgb(217, 249,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 11.007, 212.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 249, 254) }
```

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

```
.background{ background-color: rgb(217,  
249, 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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