

Converting Colors

CIELCh(96, 11.260, 201.933)

Have a look what the booklet for
CIELCh(96, 11.260, 201.933)
contains.

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Color

CIECh(96, 11.166, 201.394)

Conversions

Conversions Part 1

Format	Color
Hex	D9FAFB
RGB	217, 250, 251
RGB Percent	85%, 98%, 98%
CMY	0.1494, 0.0200, 0.0161
CMYK	0.14, 0.00, 0.00, 0.02
HSL	182°, 81%, 92%
HSV	182°, 14%, 98%
XYZ	80.1407, 90.0078, 104.3364
YIQ	240.2470, -19.9890, -6.6850

Conversions

Conversions Part 2

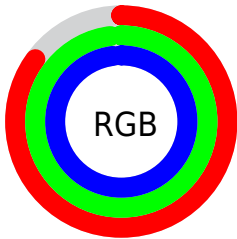
Format	Color
R _Y B	217, 234, 251
Decimal	14285563
CIE Lab	96.00, -10.40, -4.07
CIE LCh	96, 11.166, 201.394
Yxy	90.0078, 0.2920, 0.3279
Android (android.graphics.Color)	4292475643 (0xFFD9FAFB)
YUV	240.2470, 5.3012, -20.3876
Hunter-Lab	94.8724, -15.2441, 1.2062

Details

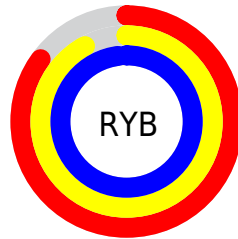
The CIELCh color **96, 11.166, 201.394** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 12.203, 22.647**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 11.250, 201.344** is the 20% darker color. If you saturate the color by 10%, you get **94, 18.798, 200.986**, and if you desaturate by 10%, it is **98, 3.001, 201.976**.

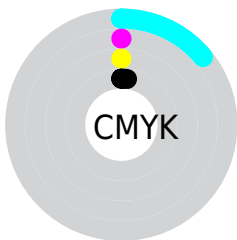
Distribution



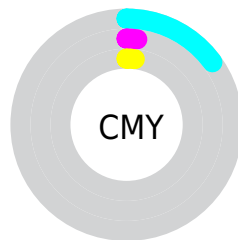
- Red (85%)
- Green (98%)
- Blue (98%)



- Red (85%)
- Yellow (92%)
- Blue (98%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 11.166, 201.394 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, 11.166, 201.394 by changing the saturation by 10% instead.


 96, 11.166,
201.394


 96, 11.166,
201.394


 100, 11.166,
201.394


 86, 11.166,
201.394

 76, 11.166,
201.394

 66, 11.166,
201.394

 56, 11.166,
201.394

 46, 11.166,
201.394

 36, 11.166,
201.394

 26, 11.166,

201.394

■ 16, 11.166,
201.394

■ 6, 11.166, 201.394

■ 96, 11.166,
201.394

■ 96, 11.166,
201.394

■ 94, 18.798,
200.986

■ 98, 3.001, 201.976

■ 93, 25.754,
200.671

■ 99, 1.290, 29.733

■ 99, 1.174, 50.369

■ 92, 31.896,
200.442

■ 99, 1.228, 72.095

■ 90, 37.095,
200.309

■ 100, 1.433, 89.739

■ 100, 1.736,

■ 90, 41.252,
200.283

102.109

■ 89, 44.313,
200.373

100, 2.065,
109.986

■ 88, 46.287,
200.585

■ 88, 47.261,
200.921

■ 88, 47.500,
201.191

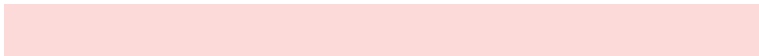
Harmonies

Complementary

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



96, 11.166, 201.394



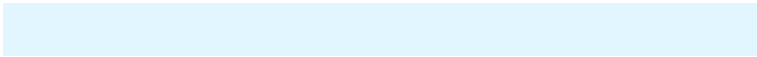
90, 12.203, 22.647

Rectangle

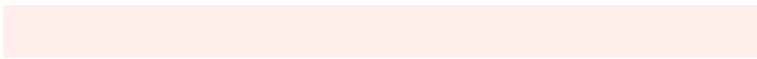
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



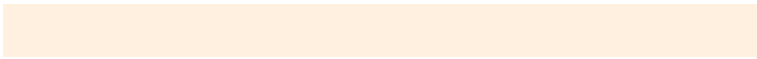
96, 11.166, 201.394



96, 11.166, 251.394



96, 11.166, 21.394



96, 11.166, 71.394

Sweetspot

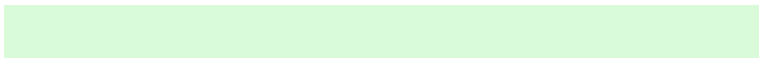
The Sweet Spot groups the original color and five complimentary colors.



96, 11.167, 201.384



99, 3.423, 201.930



95, 21.082, 144.063



53, 2.429, 201.866



0, 0.000, 0.000



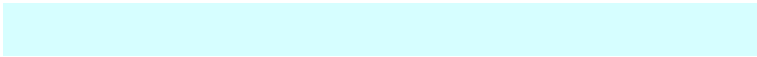
53, 0.007, 296.813

Same Dimension

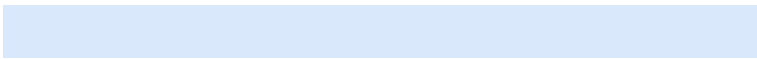
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 11.167, 201.384



97, 13.264, 201.278



92, 10.535, 259.107



51, 4.722, 201.577



68, 38.372, 201.104



22, 17.446, 200.486

Inverse Universe

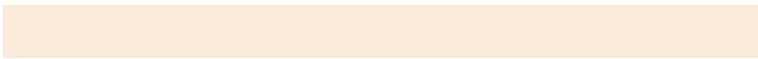
The Inverse Universe completely reimagines the original color for something new.



90, 20.926, 325.975



90, 25.062, 326.116



94, 10.863, 75.470



49, 8.733, 325.741



45, 90.063, 329.433



11, 40.867, 329.278

Previews

White Background



This preview shows how the CIE LCh color 96, 11.166, 201.394 looks on a white background.

Color Contrast Check

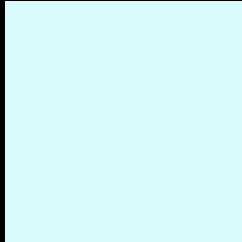
Large Text (above 18pt) WCAG AA × Fail

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, 11.166, 201.394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

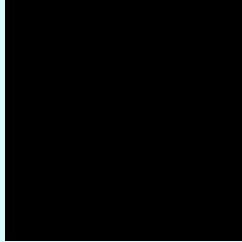
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

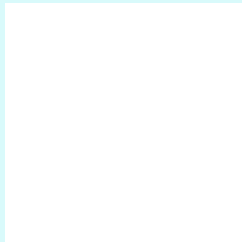
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 11.166, 201.394

Background



This preview shows how black text looks on a background with the CIELCh color 96, 11.166, 201.394.

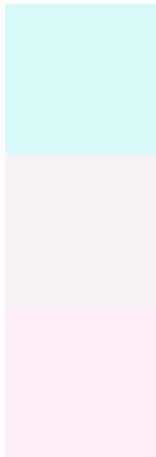


This preview shows how white text looks on a background with the CIELCh color 96, 11.166, 201.394.

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, 11.166, 201.394

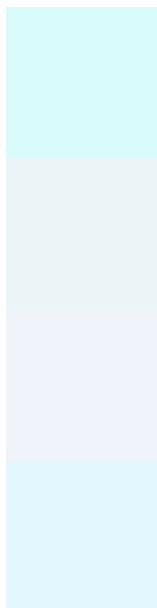
Protanopia
96, 2.509, 324.412

Deuteranopia
96, 8.008, 335.179



Tritanopia
96, 6.712, 249.205

Trichromacy



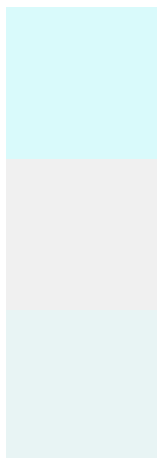
Original Color
96, 11.166, 201.394

Protanomaly
96, 3.768, 223.479

Deuteranomaly
96, 3.652, 279.512

Tritanomaly
96, 7.622, 227.245

Monochromacy



Original Color
96, 11.166, 201.394

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 4.174, 199.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 11.166, 201.394 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, 250, 251)` looks like.

```
.text, #text, p{  
    color:rgb(217, 250, 251)  
}
```

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, 250, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 250, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 11.166, 201.394 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, 250, 251) }
```

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

```
.border{ border-color:rgb(217, 250, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 250, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 250, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 250, 251); box-shadow:4px 4px 4px 4px rgb(217, 250, 251) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 11.166, 201.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 250, 251) }
```

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

```
.background{ background-color: rgb(217,  
250, 251) }
```

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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