

Converting Colors

CIELCh(96, 11.040, 168.028)

Have a look what the booklet for
CIELCh(96, 11.040, 168.028)
contains.

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Color

CIECh(96, 11.032, 168.032)

Conversions

Conversions Part 1

Format	Color
Hex	DFFAEF
RGB	223, 250, 239
RGB Percent	87%, 98%, 94%
CMY	0.1268, 0.0209, 0.0641
CMYK	0.11, 0.00, 0.04, 0.02
HSL	156°, 72%, 93%
HSV	156°, 11%, 98%
XYZ	79.9395, 90.0078, 94.5612
YIQ	240.6730, -12.5610, -9.1450

Conversions

Conversions Part 2

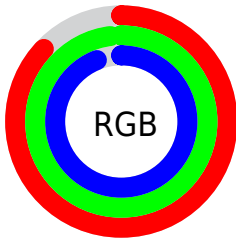
Format	Color
R _Y B	223, 240, 250
Decimal	14678767
CIE Lab	96.00, -10.79, 2.29
CIE LCh	96, 11.032, 168.032
Yxy	90.0078, 0.3022, 0.3403
Android (android.graphics.Color)	4292868847 (0xFFDFFAEF)
YUV	240.6730, -0.8248, -15.4992
Hunter-Lab	94.8724, -15.6226, 7.3152

Details

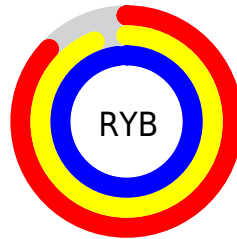
The CIELCh color **96, 11.032, 168.032** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91, 11.269, 349.906**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 11.256, 166.858** is the 20% darker color. If you saturate the color by 10%, you get **94, 21.130, 167.014**, and if you desaturate by 10%, it is **98, 0.825, 169.515**.

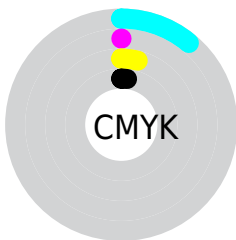
Distribution



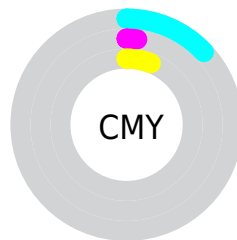
- Red (87%)
- Green (98%)
- Blue (94%)



- Red (87%)
- Yellow (94%)
- Blue (98%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)





- Cyan (13%)
- Magenta (2%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 11.032, 168.032 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, 11.032, 168.032 by changing the saturation by 10% instead.


 96, 11.032,
168.032


 96, 11.032,
168.032


 100, 11.032,
168.032


 86, 11.032,
168.032

 76, 11.032,
168.032

 66, 11.032,
168.032

 56, 11.032,
168.032

 46, 11.032,
168.032

 36, 11.032,
168.032

 26, 11.032,

168.032

■ 16, 11.032,
168.032

■ 6, 11.032, 168.032

■ 96, 11.032,
168.032

■ 96, 11.032,
168.032

■ 94, 21.130,
167.014

■ 98, 0.825, 169.515

■ 93, 30.970,
165.914

■ 99, 3.321, 324.464

■ 91, 40.390,
164.695

■ 90, 49.214,
163.331

■ 89, 57.274,
161.795

■ 88, 64.431,
160.063

■ 88, 70.607,
158.116

■ 87, 75.807,
155.956

■ 87, 79.885,
153.843

Harmonies

Complementary

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



96, 11.032, 168.032



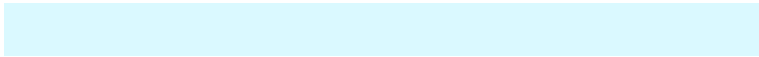
91, 11.269, 349.906

Rectangle

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



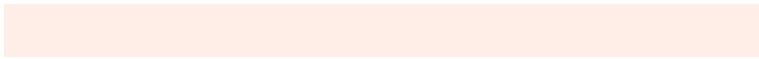
96, 11.032, 168.032



96, 11.032, 218.032



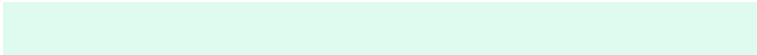
96, 11.032, 348.032



96, 11.032, 38.032

Sweetspot

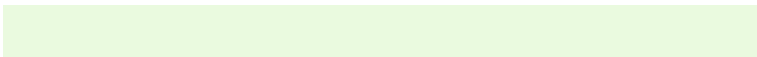
The Sweet Spot groups the original color and five complimentary colors.



96, 11.034, 168.027



99, 3.113, 168.863



96, 14.931, 131.472



53, 2.361, 168.756



0, 0.000, 0.000



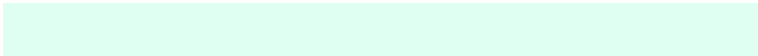
53, 0.007, 296.813

Same Dimension

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



96, 11.034, 168.027



97, 13.485, 167.809



96, 8.499, 206.771



51, 5.807, 168.157



68, 64.211, 154.273



22, 27.337, 157.643

Inverse Universe

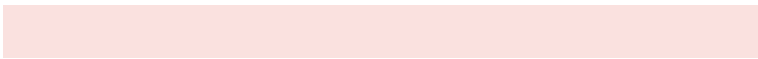
The Inverse Universe completely reimagines the original color for something new.



91, 11.269, 349.906



91, 13.827, 350.132



91, 9.124, 27.253



49, 5.916, 349.772



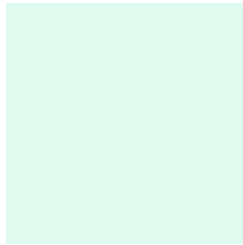
40, 67.556, 11.030



10, 30.503, 3.782

Previews

White Background



This preview shows how the CIE LCh color 96, 11.032, 168.032 looks on a white background.

Color Contrast Check

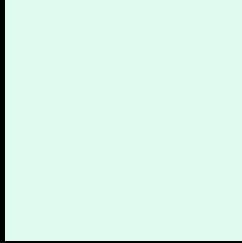
Large Text (above 18pt) WCAG AA × Fail

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, 11.032, 168.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

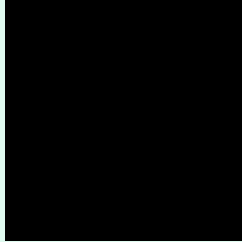
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

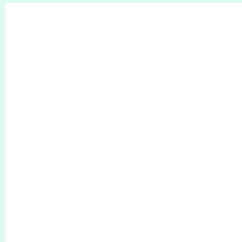
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 11.032, 168.032

Background



This preview shows how black text looks on a background with the CIELCh color 96, 11.032, 168.032.

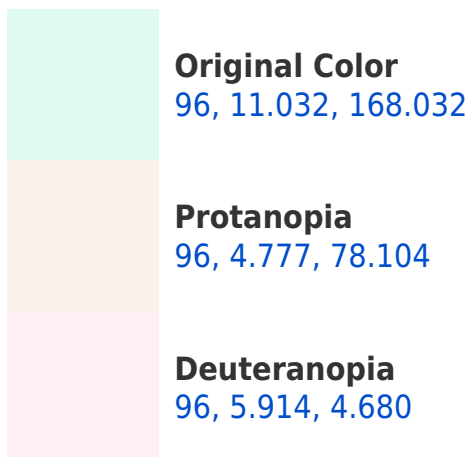


This preview shows how white text looks on a background with the CIELCh color 96, 11.032, 168.032.

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](#).

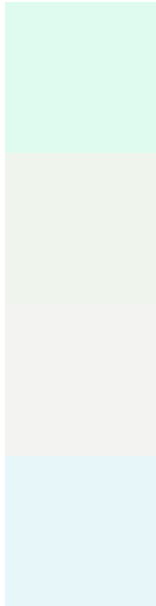
Dichromacy





Tritanopia
96, 6.377, 261.736

Trichromacy



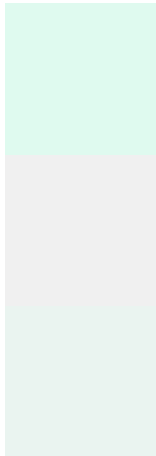
Original Color
96, 11.032, 168.032

Protanomaly
96, 5.086, 134.556

Deuteranomaly
96, 1.013, 110.026

Tritanomaly
96, 5.365, 215.888

Monochromacy



Original Color
96, 11.032, 168.032

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 4.086, 169.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 11.032, 168.032 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(223, 250, 239)` looks like.

```
.text, #text, p{  
    color:rgb(223, 250, 239)  
}
```

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(223, 250, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 250, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 11.032, 168.032 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(223, 250, 239) }
```

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

```
.border{ border-color:rgb(223, 250, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 250, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 250, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 250, 239);  
box-shadow:4px 4px 4px 4px rgb(223, 250,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 11.032, 168.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 250, 239) }
```

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

```
.background{ background-color: rgb(223,  
250, 239) }
```

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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