

Converting Colors

CIECh(96, 10.256, 167.770)

Have a look what the booklet for
CIELCh(96, 10.256, 167.770)
contains.

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Color

CIELCh(96, 10.173, 168.558)

Conversions

Conversions Part 1

Format	Color
Hex	E0F9EF
RGB	224, 249, 239
RGB Percent	88%, 98%, 94%
CMY	0.1207, 0.0227, 0.0619
CMYK	0.10, 0.00, 0.04, 0.02
HSL	156°, 68%, 93%
HSV	156°, 10%, 98%
XYZ	80.3576, 90.0078, 94.9626
YIQ	240.3850, -11.6900, -8.4100

Conversions

Conversions Part 2

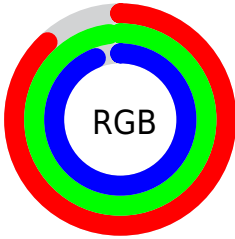
Format	Color
R _Y B	224, 240, 249
Decimal	14744047
CIE Lab	96.00, -9.97, 2.02
CIE LCh	96, 10.173, 168.558
Yxy	90.0078, 0.3029, 0.3392
Android (android.graphics.Color)	4292934127 (0xFFE0F9EF)
YUV	240.3850, -0.6828, -14.3696
Hunter-Lab	94.8724, -14.8360, 7.0644

Details

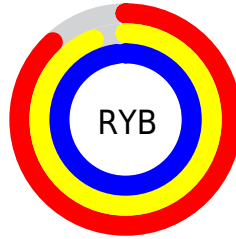
The CIELCh color **96, 10.173, 168.558** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91, 10.383, 350.282**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 10.357, 167.333** is the 20% darker color. If you saturate the color by 10%, you get **94, 20.213, 167.541**, and if you desaturate by 10%, it is **98, 0.029, 187.449**.

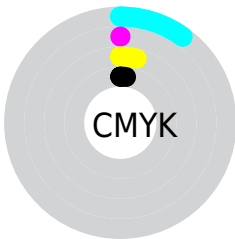
Distribution



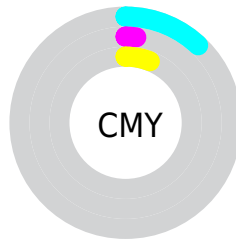
- Red (88%)
- Green (98%)
- Blue (94%)



- Red (88%)
- Yellow (94%)
- Blue (98%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)





- Cyan (12%)
- Magenta (2%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 10.173, 168.558 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, 10.173, 168.558 by changing the saturation by 10% instead.


 96, 10.173,
168.558


 96, 10.173,
168.558


 100, 10.173,
168.558


 86, 10.173,
168.558

 76, 10.173,
168.558

 66, 10.173,
168.558

 56, 10.173,
168.558

 46, 10.173,
168.558

 36, 10.173,
168.558

 26, 10.173,

168.558

■ 16, 10.173,
168.558

■ 6, 10.173, 168.558

■ 96, 10.173,
168.558

■ 96, 10.173,
168.558

■ 94, 20.213,
167.541

■ 98, 0.029, 187.449

■ 93, 30.002,
166.448

■ 99, 3.600, 324.481

■ 91, 39.380,
165.239

■ 90, 48.172,
163.888

■ 89, 56.210,
162.368

■ 88, 63.355,
160.655

■ 88, 69.523,
158.730

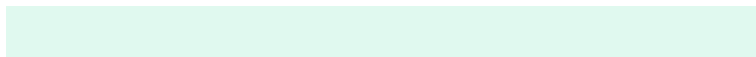
■ 87, 74.715,
156.591

■ 87, 79.087,
154.306

Harmonies

Complementary

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



96, 10.173, 168.558



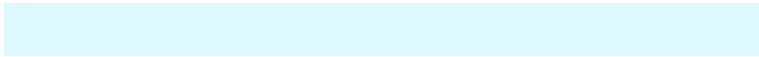
91, 10.383, 350.282

Rectangle

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



96, 10.173, 168.558



96, 10.173, 218.558



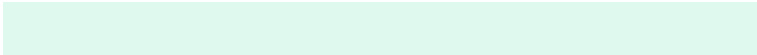
96, 10.173, 348.558



96, 10.173, 38.558

Sweetspot

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



96, 10.175, 168.552



99, 3.098, 169.315



96, 13.831, 131.508



53, 2.350, 169.207



0, 0.000, 0.000



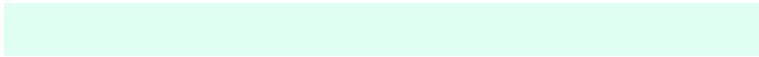
53, 0.007, 296.813

Same Dimension

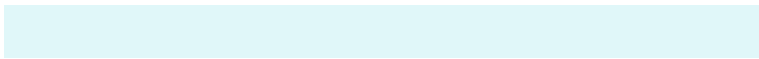
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 10.175, 168.552



98, 12.389, 168.356



96, 7.892, 206.792



51, 5.778, 168.606



68, 63.664, 154.733



22, 27.123, 158.094

Inverse Universe

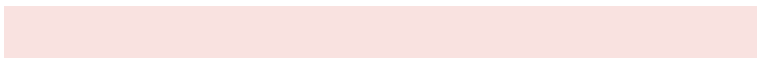
The Inverse Universe completely reimagines the original color for something new.



91, 10.383, 350.282



92, 12.689, 350.486



92, 8.427, 27.215



49, 5.890, 350.227



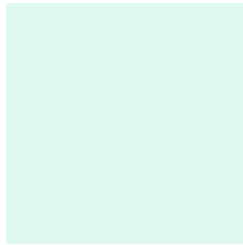
40, 67.638, 11.746



10, 30.486, 4.402

Previews

White Background



This preview shows how the CIELCh color 96, 10.173, 168.558 looks on a white background.

Color Contrast Check

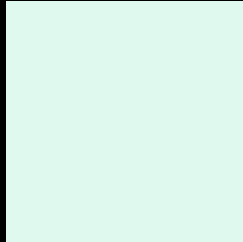
Large Text (above 18pt) WCAG AA × Fail

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, 10.173, 168.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

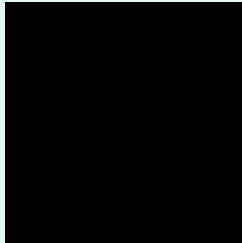
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

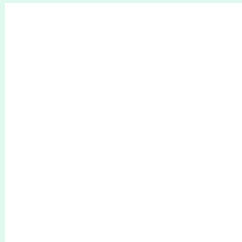
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 10.173, 168.558

Background



This preview shows how black text looks on a background with the CIELCh color 96, 10.173, 168.558.

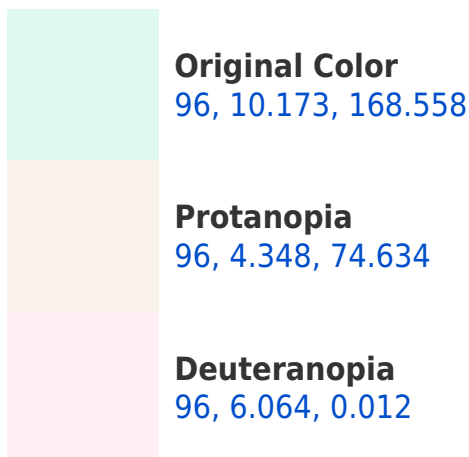


This preview shows how white text looks on a background with the CIELCh color 96, 10.173, 168.558.

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](#).

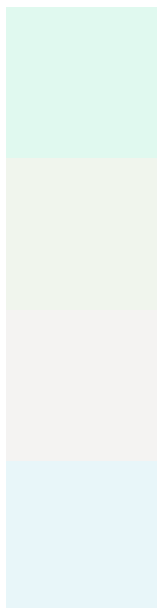
Dichromacy





Tritanopia
96, 6.227, 264.506

Trichromacy



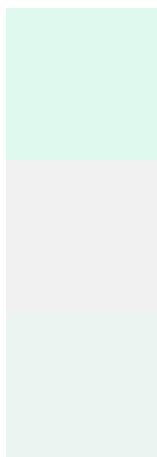
Original Color
96, 10.173, 168.558

Protanomaly
96, 4.469, 133.219

Deuteranomaly
96, 0.610, 74.620

Tritanomaly
96, 5.041, 217.020

Monochromacy



Original Color
96, 10.173, 168.558

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.787, 166.572

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 10.173, 168.558 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(224, 249, 239)` looks like.

```
.text, #text, p{  
    color:rgb(224, 249, 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(224, 249, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 249, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 10.173, 168.558 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(224, 249, 239) }
```

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

```
.border{ border-color:rgb(224, 249, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 249, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 249, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 249, 239);  
box-shadow:4px 4px 4px 4px rgb(224, 249,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 10.173, 168.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 249, 239) }
```

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

```
.background{ background-color: rgb(224,  
249, 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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