

Converting Colors

CIELCh(96, 9.041, 168.670)

Have a look what the booklet for
CIELCh(96, 9.041, 168.670) contains.

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Color

CIELCh(96, 9.306, 169.173)

Conversions

Conversions Part 1

Format	Color
Hex	E2F9F0
RGB	226, 249, 240
RGB Percent	89%, 98%, 94%
CMY	0.1147, 0.0245, 0.0598
CMYK	0.09, 0.00, 0.04, 0.02
HSL	157°, 65%, 93%
HSV	157°, 9%, 98%
XYZ	80.7818, 90.0078, 95.3657
YIQ	241.0970, -10.8190, -7.6750

Conversions

Conversions Part 2

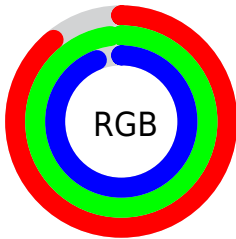
Format	Color
R _{YB}	226, 240, 249
Decimal	14875120
CIE Lab	96.00, -9.14, 1.75
CIE LCh	96, 9.306, 169.173
Yxy	90.0078, 0.3035, 0.3382
Android (android.graphics.Color)	4293065200 (0xFFE2F9F0)
YUV	241.0970, -0.5408, -13.2401
Hunter-Lab	94.8724, -14.0378, 6.8125

Details

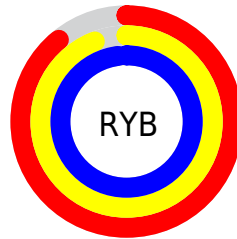
The CIELCh color **96, 9.306, 169.173** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **92, 9.491, 350.744**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 9.447, 167.888** is the 20% darker color. If you saturate the color by 10%, you get **94, 19.279, 168.156**, and if you desaturate by 10%, it is **98, 0.768, 349.329**.

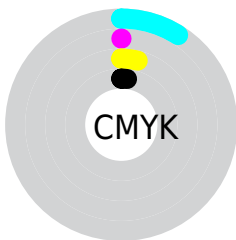
Distribution



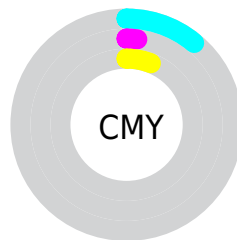
- Red (89%)
- Green (98%)
- Blue (94%)



- Red (89%)
- Yellow (94%)
- Blue (98%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)



- Cyan (11%)
- Magenta (2%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 9.306, 169.173 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, 9.306, 169.173 by changing the saturation by 10% instead.

 96, 9.306, 169.173

 96, 9.306, 169.173

 100, 9.306,
169.173

 86, 9.306, 169.173

 76, 9.306, 169.173

 66, 9.306, 169.173

 56, 9.306, 169.173

 46, 9.306, 169.173

 36, 9.306, 169.173

 26, 9.306, 169.173

 16, 9.306, 169.173

 6, 9.306, 169.173

96, 9.306, 169.173

96, 9.306, 169.173

94, 19.279,
168.156

98, 0.768, 349.329

98, 3.884, 324.497

93, 29.006,
167.069

91, 38.330,
165.869

90, 47.077,
164.532

89, 55.081,
163.030

88, 62.200,
161.338

88, 68.347,
159.435

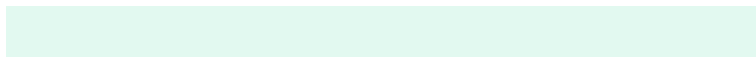
87, 73.516,
157.318

■ 87, 77.851,
155.032

Harmonies

Complementary

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



96, 9.306, 169.173



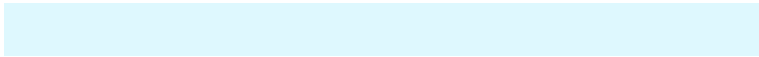
92, 9.491, 350.744

Rectangle

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



96, 9.306, 169.173



96, 9.306, 219.173



96, 9.306, 349.173



96, 9.306, 39.173

Sweetspot

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



96, 9.308, 169.167



99, 3.081, 169.855



96, 12.776, 132.104



53, 2.336, 169.746



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, 9.308, 169.167



98, 11.293, 168.990



96, 7.171, 208.535



51, 5.744, 169.141



68, 63.019, 155.286



22, 26.872, 158.637

Inverse Universe

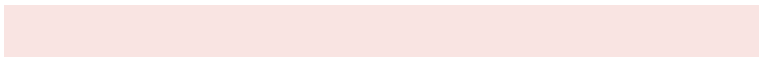
The Inverse Universe completely reimagines the original color for something new.



92, 9.491, 350.744



93, 11.554, 350.927



92, 7.617, 28.766



49, 5.859, 350.770



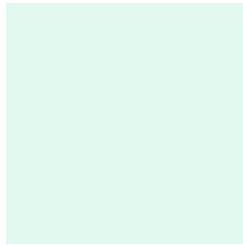
40, 67.752, 12.591



10, 30.471, 5.136

Previews

White Background



This preview shows how the CIELCh color 96, 9.306, 169.173 looks on a white background.

Color Contrast Check

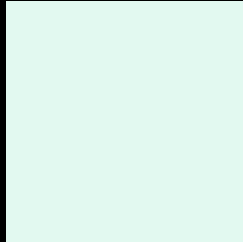
Large Text (above 18pt) WCAG AA × Fail

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, 9.306, 169.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

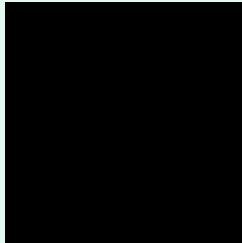
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

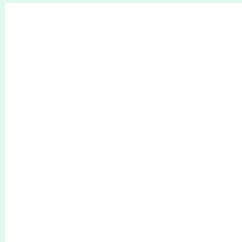
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 9.306, 169.173

Background



This preview shows how black text looks on a background with the CIELCh color 96, 9.306, 169.173.

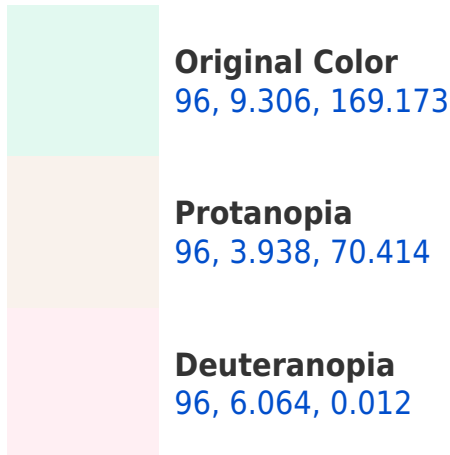


This preview shows how white text looks on a background with the CIELCh color 96, 9.306, 169.173.

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](#).

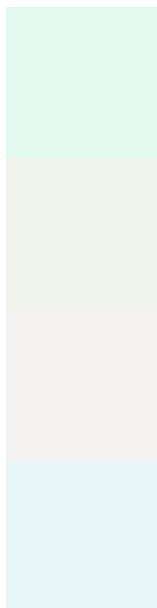
Dichromacy





Tritanopia
96, 6.227, 264.506

Trichromacy



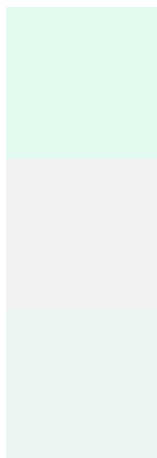
Original Color
96, 9.306, 169.173

Protanomaly
96, 3.738, 126.430

Deuteranomaly
96, 0.610, 74.620

Tritanomaly
96, 5.041, 217.020

Monochromacy



Original Color
96, 9.306, 169.173

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.527, 173.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 9.306, 169.173 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(226, 249, 240)` looks like.

```
.text, #text, p{  
    color:rgb(226, 249, 240)  
}
```

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(226, 249, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 249, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 9.306, 169.173 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(226, 249, 240) }
```

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

```
.border{ border-color:rgb(226, 249, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 249, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 249, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 249, 240);  
box-shadow:4px 4px 4px 4px rgb(226, 249,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 9.306, 169.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 249, 240) }
```

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

```
.background{ background-color: rgb(226,  
249, 240) }
```

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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