

Converting Colors

CIELCh(96, 9.095, 176.484)

Have a look what the booklet for
CIELCh(96, 9.095, 176.484) contains.

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Color

CIELCh(96, 9.119, 175.705)

Conversions

Conversions Part 1

Format	Color
Hex	E1F9F2
RGB	225, 249, 242
RGB Percent	88%, 98%, 95%
CMY	0.1184, 0.0243, 0.0517
CMYK	0.10, 0.00, 0.03, 0.02
HSL	162°, 66%, 93%
HSV	162°, 10%, 98%
XYZ	80.8059, 90.0078, 96.9670
YIQ	241.0260, -12.0570, -7.2650

Conversions

Conversions Part 2

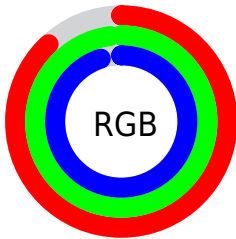
Format	Color
R _Y B	225, 239, 249
Decimal	14809586
CIE Lab	96.00, -9.09, 0.68
CIE LCh	96, 9.119, 175.705
Yxy	90.0078, 0.3018, 0.3361
Android (android.graphics.Color)	4292999666 (0xFFE1F9F2)
YUV	241.0260, 0.4802, -14.0548
Hunter-Lab	94.8724, -13.9926, 5.8117

Details

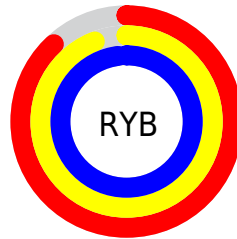
The CIELCh color **96, 9.119, 175.705** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **92, 9.388, 357.402**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 9.222, 174.610** is the 20% darker color. If you saturate the color by 10%, you get **94, 18.388, 174.673**, and if you desaturate by 10%, it is **98, 0.343, 354.911**.

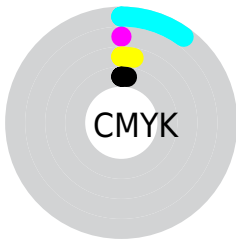
Distribution



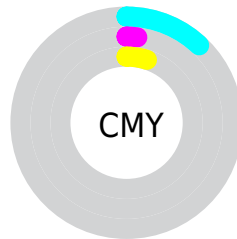
- Red (88%)
- Green (98%)
- Blue (95%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)




- Cyan (12%)
- Magenta (2%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 9.119, 175.705 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, 9.119, 175.705 by changing the saturation by 10% instead.


 96, 9.119, 175.705


 96, 9.119, 175.705


 100, 9.119,
175.705


 86, 9.119, 175.705

 76, 9.119, 175.705

 66, 9.119, 175.705


 56, 9.119, 175.705

 46, 9.119, 175.705

 36, 9.119, 175.705

 26, 9.119, 175.705

 16, 9.119, 175.705

 6, 9.119, 175.705

96, 9.119, 175.705

96, 9.119, 175.705

94, 18.388,
174.673

98, 0.343, 354.911

98, 3.853, 324.496

93, 27.321,
173.590

91, 35.762,
172.415

90, 43.549,
171.125

89, 50.529,
169.693

89, 56.579,
168.095

88, 61.634,
166.306

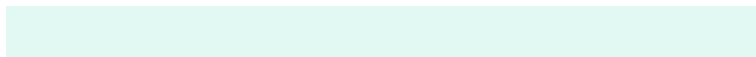
88, 65.709,
164.314

■ 87, 68.977,
162.157

Harmonies

Complementary

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



96, 9.119, 175.705



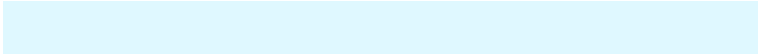
92, 9.388, 357.402

Rectangle

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



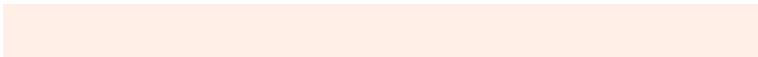
96, 9.119, 175.705



96, 9.119, 225.705



96, 9.119, 355.705



96, 9.119, 45.705

Sweetspot

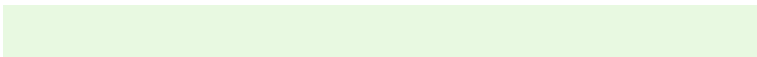
The Sweet Spot groups the original color and five complimentary colors.



96, 9.121, 175.697



99, 2.903, 176.457



96, 13.704, 135.331



53, 2.200, 176.341



0, 0.000, 0.000



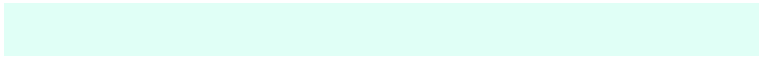
53, 0.007, 296.813

Same Dimension

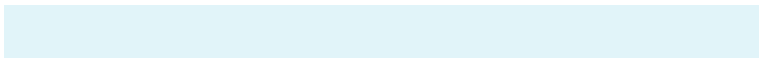
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 9.121, 175.697



98, 11.553, 175.456



95, 6.974, 219.847



51, 5.395, 175.712



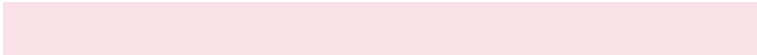
68, 55.777, 162.481



22, 24.080, 165.598

Inverse Universe

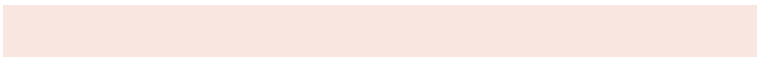
The Inverse Universe completely reimagines the original color for something new.



92, 9.388, 357.402



92, 11.973, 357.661



93, 7.410, 39.211



49, 5.550, 357.386



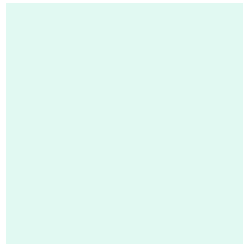
40, 70.243, 21.944



9, 30.598, 12.573

Previews

White Background



This preview shows how the CIELCh color 96, 9.119, 175.705 looks on a white background.

Color Contrast Check

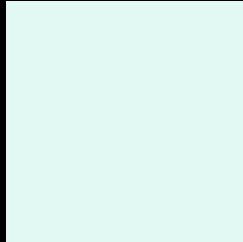
Large Text (above 18pt) WCAG AA × Fail

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, 9.119, 175.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

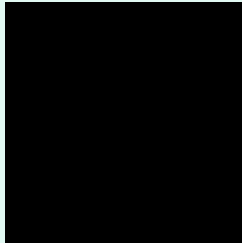
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

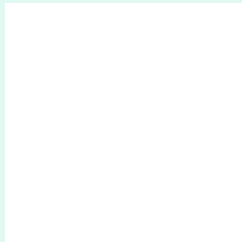
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 9.119, 175.705

Background



This preview shows how black text looks on a background with the CIELCh color 96, 9.119, 175.705.

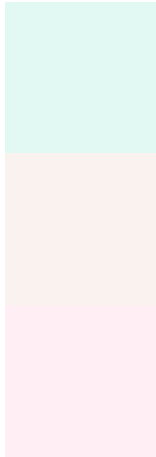


This preview shows how white text looks on a background with the CIELCh color 96, 9.119, 175.705.

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, 9.119, 175.705

Protanopia

96, 3.208, 58.877

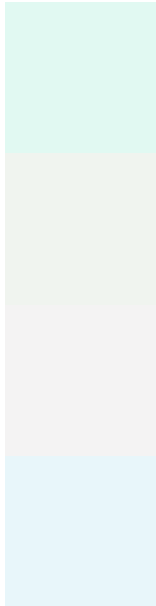
Deuteranopia

96, 6.252, 355.599



Tritanopia
96, 6.227, 264.506

Trichromacy



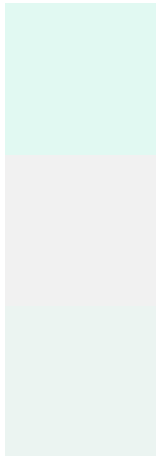
Original Color
96, 9.119, 175.705

Protanomaly
96, 2.930, 138.804

Deuteranomaly
96, 0.354, 17.624

Tritanomaly
96, 5.203, 222.478

Monochromacy



Original Color
96, 9.119, 175.705

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, 9.119, 175.705 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(225, 249, 242)` looks like.

```
.text, #text, p{  
    color:rgb(225, 249, 242)  
}
```

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(225, 249, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 249, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 9.119, 175.705 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(225, 249, 242) }
```

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

```
.border{ border-color:rgb(225, 249, 242) }
```

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

Here you see how a box with a 4 pixel rgb(225, 249, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 249, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 249, 242);  
box-shadow:4px 4px 4px 4px rgb(225, 249,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 9.119, 175.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 249, 242) }
```

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

```
.background{ background-color: rgb(225,  
249, 242) }
```

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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