

Converting Colors

CIELCh(96, 6.545, 160.696)

Have a look what the booklet for
CIELCh(96, 6.545, 160.696) contains.

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Color

CIELCh(96, 6.439, 159.622)

Conversions

Conversions Part 1

Format	Color
Hex	E9F7EF
RGB	233, 247, 239
RGB Percent	91%, 97%, 94%
CMY	0.0866, 0.0317, 0.0631
CMYK	0.06, 0.00, 0.03, 0.03
HSL	146°, 46%, 94%
HSV	146°, 6%, 97%
XYZ	82.3807, 90.0078, 94.6289
YIQ	241.9020, -5.7760, -5.4560

Conversions

Conversions Part 2

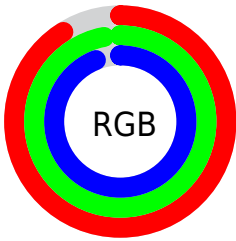
Format	Color
R_{YB}	233, 243, 247
Decimal	15333359
CIE _{Lab}	96.00, -6.04, 2.24
CIE _{LCh}	96, 6.439, 159.622
Y _{xy}	90.0078, 0.3085, 0.3371
Android (android.graphics.Color)	4293523439 (0xFFE9F7EF)
Y _{UV}	241.9020, -1.4307, -7.8071
Hunter-Lab	94.8724, -11.0296, 7.2729

Details

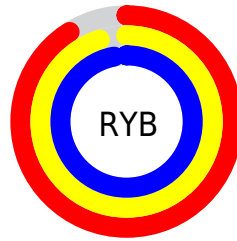
The CIELCh color **96, 6.439, 159.622** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 6.488, 340.359**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 6.763, 159.482** is the 20% darker color. If you saturate the color by 10%, you get **94, 17.848, 158.724**, and if you desaturate by 10%, it is **98, 4.240, 332.216**.

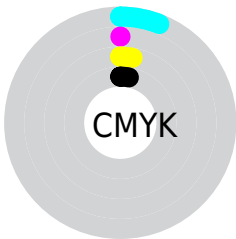
Distribution



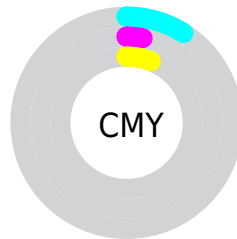
- Red (91%)
- Green (97%)
- Blue (94%)



- Red (91%)
- Yellow (95%)
- Blue (97%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (3%)



- Cyan (9%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.439, 159.622 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, 6.439, 159.622 by changing the saturation by 10% instead.

96, 6.439, 159.622

96, 6.439, 159.622

100, 6.439,
159.622

86, 6.439, 159.622

76, 6.439, 159.622

66, 6.439, 159.622

56, 6.439, 159.622

46, 6.439, 159.622

36, 6.439, 159.622

26, 6.439, 159.622

16, 6.439, 159.622

6, 6.439, 159.622

96, 6.439, 159.622

96, 6.439, 159.622

94, 17.848,
158.724

98, 4.240, 332.216

98, 5.029, 324.555

92, 29.182,
157.758

91, 40.279,
156.668

89, 50.949,
155.429

88, 60.989,
154.013

87, 70.205,
152.400

87, 78.439,
150.575

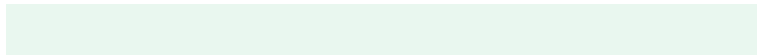
86, 85.601,
148.544

■ 86, 91.696,
146.344

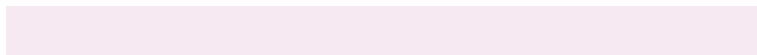
Harmonies

Complementary

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



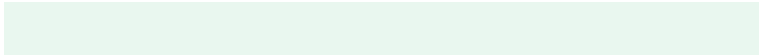
96, 6.439, 159.622



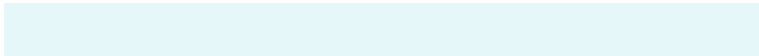
94, 6.488, 340.359

Rectangle

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



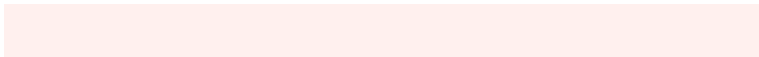
96, 6.439, 159.622



96, 6.439, 209.622



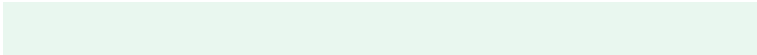
96, 6.439, 339.622



96, 6.439, 29.622

Sweetspot

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



96, 6.441, 159.616



100, 2.323, 160.032



96, 7.458, 125.848



53, 1.320, 160.050



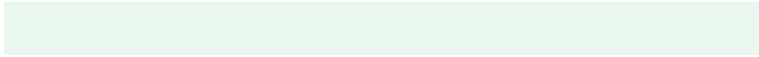
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

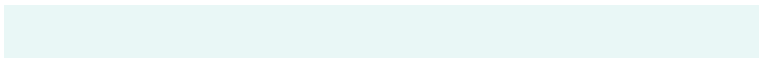
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 6.441, 159.616



98, 8.167, 159.495



96, 4.907, 192.214



50, 5.133, 159.444



66, 75.410, 145.815



21, 31.133, 149.333

Inverse Universe

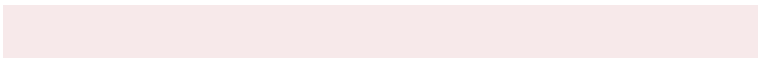
The Inverse Universe completely reimagines the original color for something new.



94, 6.488, 340.359



95, 8.231, 340.478



93, 5.060, 12.832



49, 5.175, 340.529



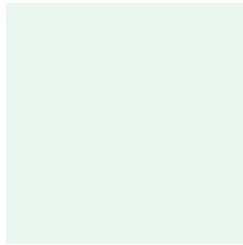
40, 68.186, 355.412



9, 31.083, 350.531

Previews

White Background



This preview shows how the CIE LCh color 96, 6.439, 159.622 looks on a white background.

Color Contrast Check

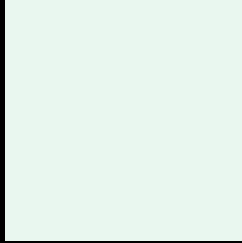
Large Text (above 18pt) WCAG AA × Fail

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, 6.439, 159.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

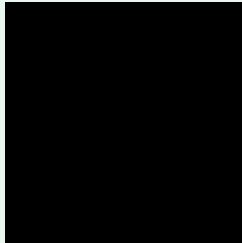
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

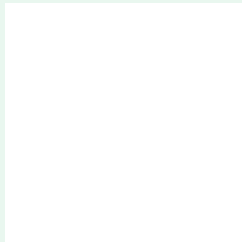
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 6.439, 159.622

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.439, 159.622.

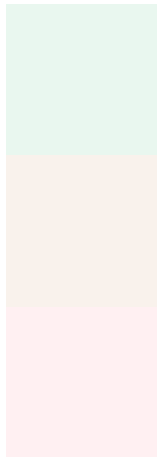


This preview shows how white text looks on a background with the CIELCh color 96, 6.439, 159.622.

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

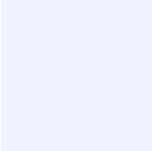
96, 6.439, 159.622

Protanopia

96, 3.938, 70.414

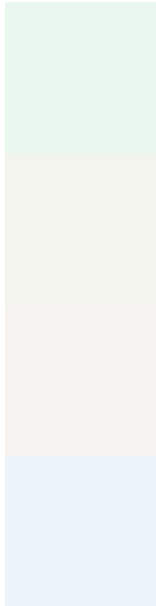
Deuteranopia

96, 5.448, 8.855



Tritanopia
96, 6.286, 278.034

Trichromacy



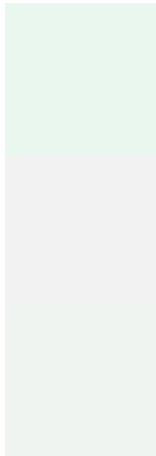
Original Color
96, 6.439, 159.622

Protanomaly
96, 3.591, 115.563

Deuteranomaly
96, 1.734, 55.175

Tritanomaly
96, 3.503, 246.580

Monochromacy



Original Color
96, 6.439, 159.622

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 2.344, 158.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.439, 159.622 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(233, 247, 239)` looks like.

```
.text, #text, p{  
    color:rgb(233, 247, 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(233, 247, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 247, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.439, 159.622 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(233, 247, 239) }
```

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

```
.border{ border-color:rgb(233, 247, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 247, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 247, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 247, 239);  
box-shadow:4px 4px 4px 4px rgb(233, 247,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.439, 159.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 247, 239) }
```

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

```
.background{ background-color: rgb(233,  
247, 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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