

Converting Colors

CIELCh(96, 7.924, 159.862)

Have a look what the booklet for
CIELCh(96, 7.924, 159.862) contains.

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Color

CIELCh(96, 8.184, 160.252)

Conversions

Conversions Part 1

Format	Color
Hex	E6F8EE
RGB	230, 248, 238
RGB Percent	90%, 97%, 93%
CMY	0.0986, 0.0280, 0.0672
CMYK	0.07, 0.00, 0.04, 0.03
HSL	147°, 56%, 94%
HSV	147°, 7%, 97%
XYZ	81.5197, 90.0078, 93.8530
YIQ	241.4780, -7.5180, -6.9260

Conversions

Conversions Part 2

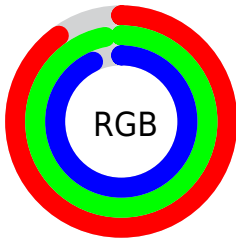
Format	Color
R _{YB}	230, 242, 248
Decimal	15137006
CIE Lab	96.00, -7.70, 2.77
CIE LCh	96, 8.184, 160.252
Yxy	90.0078, 0.3072, 0.3392
Android (android.graphics.Color)	4293327086 (0xFFE6F8EE)
YUV	241.4780, -1.7147, -10.0662
Hunter-Lab	94.8724, -12.6496, 7.7578

Details

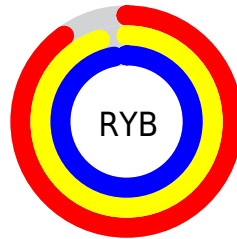
The CIELCh color **96, 8.184, 160.252** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 8.256, 341.290**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 8.593, 160.076** is the 20% darker color. If you saturate the color by 10%, you get **94, 19.487, 159.340**, and if you desaturate by 10%, it is **98, 3.082, 340.828**.

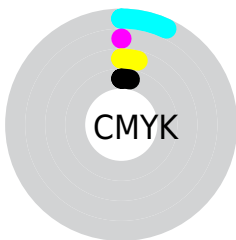
Distribution



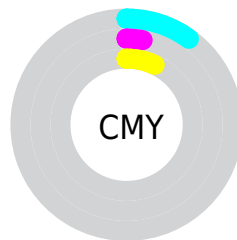
- Red (90%)
- Green (97%)
- Blue (93%)



- Red (90%)
- Yellow (95%)
- Blue (97%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (10%)
- Magenta (3%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 8.184, 160.252 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, 8.184, 160.252 by changing the saturation by 10% instead.

 96, 8.184, 160.252

 96, 8.184, 160.252

 100, 8.184,
160.252

 86, 8.184, 160.252

 76, 8.184, 160.252

 66, 8.184, 160.252

 56, 8.184, 160.252

 46, 8.184, 160.252

 36, 8.184, 160.252

 26, 8.184, 160.252

 16, 8.184, 160.252

 6, 8.184, 160.252

96, 8.184, 160.252

96, 8.184, 160.252

94, 19.487,
159.340

98, 3.082, 340.828

98, 4.446, 324.527

92, 30.682,
158.347

91, 41.603,
157.228


90, 52.060,
155.954

88, 61.853,
154.502

88, 70.796,
152.849

87, 78.744,
150.983

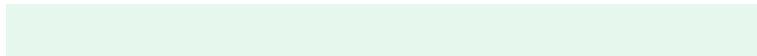
86, 85.628,
148.910

 86, 91.484,
146.674

Harmonies

Complementary

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



96, 8.184, 160.252



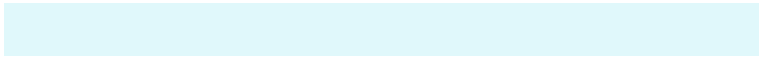
93, 8.256, 341.290

Rectangle

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



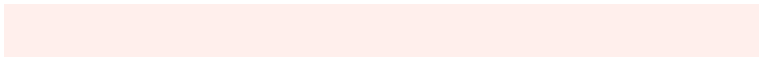
96, 8.184, 160.252



96, 8.184, 210.252



96, 8.184, 340.252



96, 8.184, 30.252

Sweetspot

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



96, 8.186, 160.247



100, 2.296, 160.816



97, 9.618, 126.375



53, 1.305, 160.835



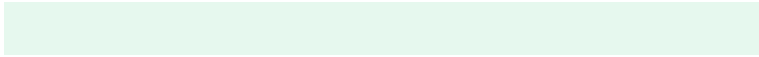
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



96, 8.186, 160.247



98, 10.386, 160.091



96, 6.263, 193.460



51, 6.454, 160.047



67, 75.090, 146.482



22, 31.675, 149.840

Inverse Universe

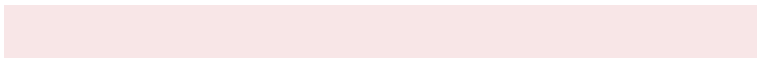
The Inverse Universe completely reimagines the original color for something new.



93, 8.256, 341.290



94, 10.488, 341.444



93, 6.522, 14.340



49, 6.520, 341.487



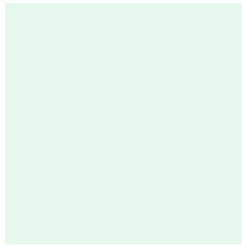
41, 68.491, 356.882



10, 31.689, 351.951

Previews

White Background



This preview shows how the CIE LCh color 96, 8.184, 160.252 looks on a white background.

Color Contrast Check

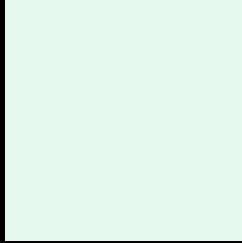
Large Text (above 18pt) WCAG AA × Fail

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, 8.184, 160.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

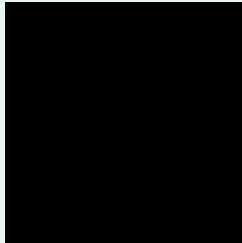
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

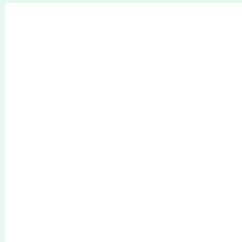
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 8.184, 160.252

Background



This preview shows how black text looks on a background with the CIELCh color 96, 8.184, 160.252.

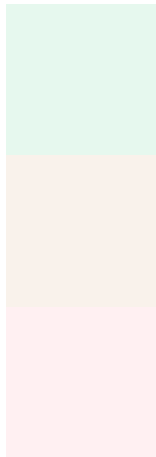


This preview shows how white text looks on a background with the CIELCh color 96, 8.184, 160.252.

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, 8.184, 160.252

Protanopia

96, 4.348, 74.634

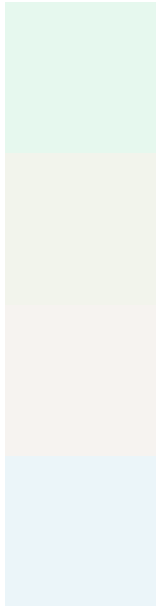
Deuteranopia

96, 5.448, 8.855



Tritanopia
96, 5.971, 270.445

Trichromacy



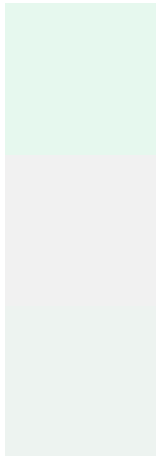
Original Color
96, 8.184, 160.252

Protanomaly
96, 4.151, 119.716

Deuteranomaly
96, 1.849, 74.891

Tritanomaly
96, 3.992, 230.311

Monochromacy



Original Color
96, 8.184, 160.252

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.623, 163.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 8.184, 160.252 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(230, 248, 238)` looks like.

```
.text, #text, p{  
    color:rgb(230, 248, 238)  
}
```

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(230, 248, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 248, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 8.184, 160.252 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(230, 248, 238) }
```

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

```
.border{ border-color:rgb(230, 248, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 248, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 248, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 248, 238);  
box-shadow:4px 4px 4px 4px rgb(230, 248,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 8.184, 160.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 248, 238) }
```

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

```
.background{ background-color: rgb(230,  
248, 238) }
```

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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