

Converting Colors

CIELCh(96, 7.119, 130.196)

Have a look what the booklet for
CIELCh(96, 7.119, 130.196) contains.

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Color

CIE LCh(96, 7.114, 130.197)

Conversions

Conversions Part 1

Format	Color
Hex	EFF6E9
RGB	239, 246, 233
RGB Percent	94%, 96%, 91%
CMY	0.0634, 0.0359, 0.0869
CMYK	0.03, 0.00, 0.05, 0.04
HSL	92°, 42%, 94%
HSV	92°, 5%, 96%
XYZ	83.1319, 90.0078, 89.9604
YIQ	242.4250, 0.0010, -5.5270

Conversions

Conversions Part 2

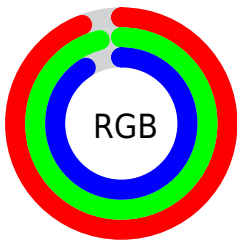
Format	Color
R_{YB}	233, 246, 240
Decimal	15726313
CIE _{Lab}	96.00, -4.59, 5.43
CIE _{LCh}	96, 7.114, 130.197
Yxy	90.0078, 0.3160, 0.3421
Android (android.graphics.Color)	4293916393 (0xFFEFF6E9)
YUV	242.4250, -4.6465, -3.0037
Hunter-Lab	94.8724, -9.6163, 10.1904

Details

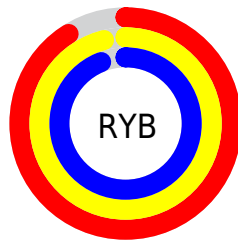
The CIELCh color **96, 7.114, 130.197** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 7.181, 310.613**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 7.473, 130.128** is the 20% darker color. If you saturate the color by 10%, you get **95, 20.632, 129.736**, and if you desaturate by 10%, it is **98, 5.192, 315.243**.

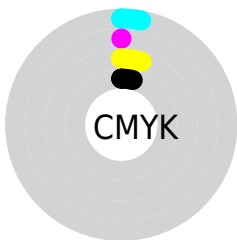
Distribution



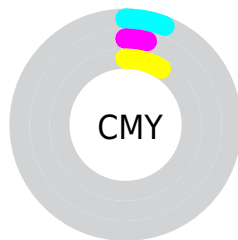
- Red (94%)
- Green (96%)
- Blue (91%)



- Red (91%)
- Yellow (96%)
- Blue (94%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (6%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 7.114, 130.197 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, 7.114, 130.197 by changing the saturation by 10% instead.

96, 7.114, 130.197

96, 7.114, 130.197

100, 7.114,
130.197

86, 7.114, 130.197

76, 7.114, 130.197

66, 7.114, 130.197

56, 7.114, 130.197

46, 7.114, 130.197

36, 7.114, 130.197

26, 7.114, 130.197

16, 7.114, 130.197

6, 7.114, 130.197

96, 7.114, 130.197

96, 7.114, 130.197

95, 20.632,
129.736

98, 5.192, 315.243

98, 5.703, 324.586

93, 34.116,
129.253

92, 47.431,
128.762

91, 60.383,
128.293

90, 72.690,
127.896

89, 83.949,
127.651

88, 93.628,
127.673

87, 101.136,
128.094

■ 87,106.082,
129.010

Harmonies

Complementary

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



96, 7.114, 130.197



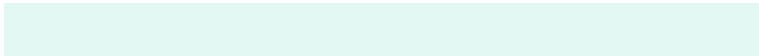
93, 7.181, 310.613

Rectangle

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



96, 7.114, 130.197



96, 7.114, 180.197



96, 7.114, 310.197



96, 7.114, 0.197

Sweetspot

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



96, 7.116, 130.203



100, 2.762, 130.380



95, 4.144, 78.185



53, 1.570, 130.387



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, 7.116, 130.203



99, 8.319, 130.169



96, 7.956, 145.075



51, 5.338, 130.139



67, 87.184, 129.273



21, 36.913, 128.079

Inverse Universe

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



93, 7.181, 310.613



96, 8.399, 310.647



94, 7.976, 325.599



49, 5.392, 310.677



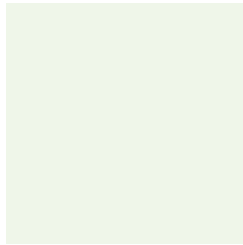
30, 97.693, 312.806



6, 41.571, 313.597

Previews

White Background



This preview shows how the CIE LCh color 96, 7.114, 130.197 looks on a white background.

Color Contrast Check

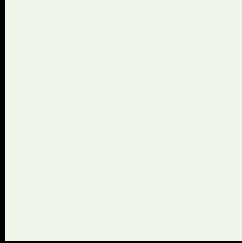
Large Text (above 18pt) WCAG AA × Fail

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, 7.114, 130.197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

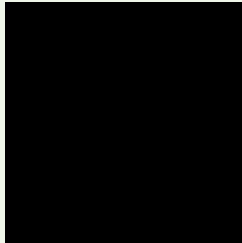
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

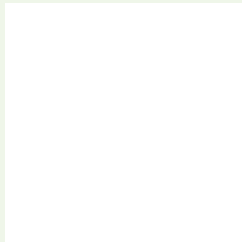
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 7.114, 130.197

Background



This preview shows how black text looks on a background with the CIELCh color 96, 7.114, 130.197.

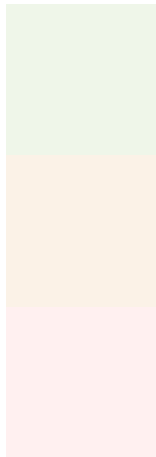


This preview shows how white text looks on a background with the CIELCh color 96, 7.114, 130.197.

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, 7.114, 130.197

Protanopia

96, 6.471, 79.565

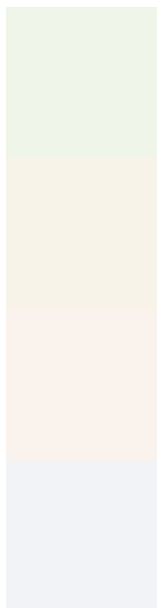
Deuteranopia

96, 5.358, 19.646



Tritanopia
96, 6.688, 293.655

Trichromacy



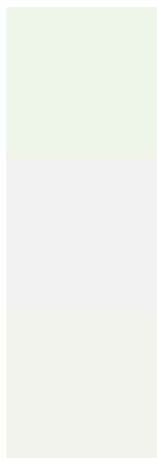
Original Color
96, 7.114, 130.197

Protanomaly
96, 5.784, 95.331

Deuteranomaly
96, 3.555, 65.241

Tritanomaly
96, 2.164, 271.557

Monochromacy



Original Color
96, 7.114, 130.197

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 2.165, 129.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 7.114, 130.197 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(239, 246, 233)` looks like.

```
.text, #text, p{  
    color:rgb(239, 246, 233)  
}
```

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(239, 246, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 246, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 7.114, 130.197 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(239, 246, 233) }
```

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

```
.border{ border-color:rgb(239, 246, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 246, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 246, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 246, 233);  
box-shadow:4px 4px 4px 4px rgb(239, 246,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 7.114, 130.197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 246, 233) }
```

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

```
.background{ background-color: rgb(239,  
246, 233) }
```

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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