

Converting Colors

CIE LCh(97, 8.171, 129.984)

Have a look what the booklet for
CIELCh(97, 8.171, 129.984) contains.

CIELCh(97, 8.183, 129.984)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(97, 8.183, 129.984)

Conversions

Conversions Part 1

Format	Color
Hex	F1F9EA
RGB	241, 249, 234
RGB Percent	95%, 98%, 92%
CMY	0.0547, 0.0233, 0.0821
CMYK	0.03, 0.00, 0.06, 0.02
HSL	92°, 56%, 95%
HSV	92°, 6%, 98%
XYZ	85.0468, 92.4403, 91.2435
YIQ	244.8980, 0.0470, -6.3610

Conversions

Conversions Part 2

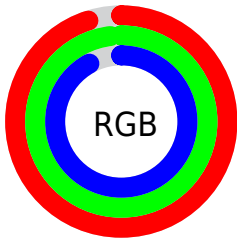
Format	Color
RYB	234, 249, 242
Decimal	15858154
CIELab	97.00, -5.26, 6.27
CIELCh	97, 8.183, 129.984
Yxy	92.4403, 0.3165, 0.3440
Android (android.graphics.Color)	4294048234 (0xFFFF1F9EA)
YUV	244.8980, -5.3727, -3.4185
Hunter-Lab	96.1459, -10.3613, 11.0352

Details

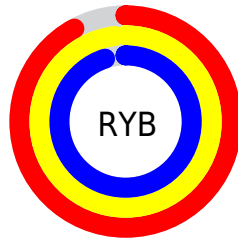
The CIELCh color **97, 8.183, 129.984** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 8.265, 310.471**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 8.590, 129.908** is the 20% darker color. If you saturate the color by 10%, you get **96, 21.827, 129.521**, and if you desaturate by 10%, it is **98, 3.571, 321.453**.

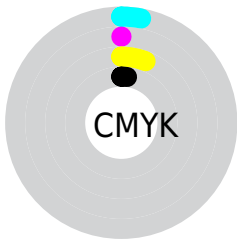
Distribution



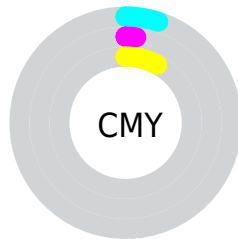
- Red (95%)
- Green (98%)
- Blue (92%)



- Red (92%)
- Yellow (98%)
- Blue (95%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 8.183, 129.984 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 97, 8.183, 129.984 by changing the saturation by 10% instead.

97, 8.183, 129.984

97, 8.183, 129.984

100, 8.183,
129.984

87, 8.183, 129.984

77, 8.183, 129.984

67, 8.183, 129.984

57, 8.183, 129.984

47, 8.183, 129.984

37, 8.183, 129.984

27, 8.183, 129.984

17, 8.183, 129.984

7, 8.183, 129.984

97, 8.183, 129.984

97, 8.183, 129.984

96, 21.827,
129.521

98, 3.571, 321.453

94, 35.427,
129.036

99, 3.697, 324.487

93, 48.844,
128.546

92, 61.874,
128.081

91, 74.226,
127.694

90, 85.481,
127.468

89, 95.094,
127.521

88, 102.472,
127.984

■ 88, 107.249,
128.947

Harmonies

Complementary

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



97, 8.183, 129.984



94, 8.265, 310.471

Rectangle

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



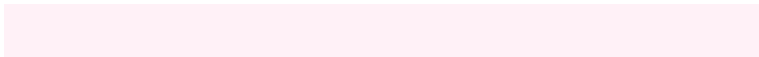
97, 8.183, 129.984



97, 8.183, 179.984



97, 8.183, 309.984



97, 8.183, 359.984

Sweetspot

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



97, 8.185, 129.989



100, 2.759, 130.201



96, 4.779, 78.104



53, 1.568, 130.208



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



97, 8.185, 129.989



99, 9.698, 129.943



97, 9.165, 145.025



52, 6.199, 129.916



68, 87.944, 129.132



22, 38.192, 127.752

Inverse Universe

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



94, 8.265, 310.471



95, 9.800, 310.518



94, 9.186, 325.645



49, 6.268, 310.546



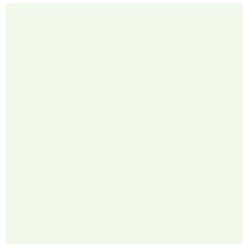
30, 98.806, 312.669



6, 43.261, 313.658

Previews

White Background



This preview shows how the CIELCh color 97, 8.183, 129.984 looks on a white background.

Color Contrast Check

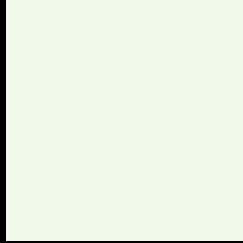
Large Text (above 18pt) WCAG AA × Fail

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 97, 8.183, 129.984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

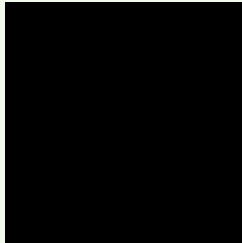
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

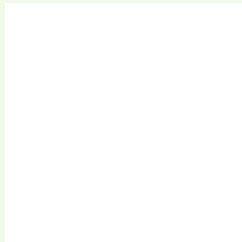
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 8.183, 129.984

Background



This preview shows how black text looks on a background with the CIELCh color 97, 8.183, 129.984.

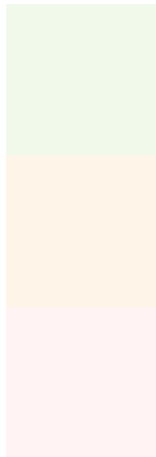


This preview shows how white text looks on a background with the CIELCh color 97, 8.183, 129.984.

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

97, 8.183, 129.984

Protanopia

97, 7.361, 83.429

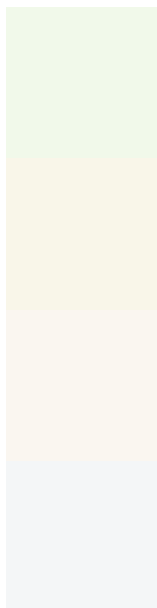
Deuteranopia

97, 3.939, 26.928



Tritanopia
97, 5.141, 294.439

Trichromacy



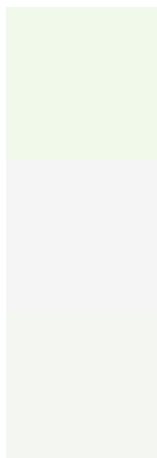
Original Color
97, 8.183, 129.984

Protanomaly
97, 6.701, 100.395

Deuteranomaly
97, 3.354, 84.812

Tritanomaly
97, 0.866, 236.453

Monochromacy



Original Color
97, 8.183, 129.984

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.648, 125.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 8.183, 129.984 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(241, 249, 234)` looks like.

```
.text, #text, p{  
    color:rgb(241, 249, 234)  
}
```

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(241, 249, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 249, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 8.183, 129.984 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(241, 249, 234) }
```

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

```
.border{ border-color:rgb(241, 249, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 249, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 249, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 249, 234);  
box-shadow:4px 4px 4px 4px rgb(241, 249,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 8.183, 129.984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 249, 234) }
```

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

```
.background{ background-color: rgb(241,  
249, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor