

Converting Colors

CIELCh(98, 14.818, 128.001)

Have a look what the booklet for
CIELCh(98, 14.818, 128.001)
contains.

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Color

CIECh(98, 15.001, 127.310)

Conversions

Conversions Part 1

Format	Color
Hex	F1FEE2
RGB	241, 254, 226
RGB Percent	95%, 100%, 89%
CMY	0.0556, 0.0046, 0.1144
CMYK	0.05, 0.00, 0.11, 0.00
HSL	88°, 92%, 94%
HSV	88°, 11%, 100%
XYZ	85.2991, 94.9163, 85.6464
YIQ	246.9210, 1.2400, -11.4640

Conversions

Conversions Part 2

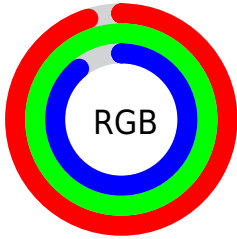
Format	Color
R _Y B	226, 254, 239
Decimal	15859426
CIE Lab	98.00, -9.09, 11.93
CIE LCh	98, 15.001, 127.310
Yxy	94.9163, 0.3208, 0.3570
Android (android.graphics.Color)	4294049506 (0xFFFF1FEE2)
YUV	246.9210, -10.3141, -5.1927
Hunter-Lab	97.4250, -14.2104, 16.0756

Details

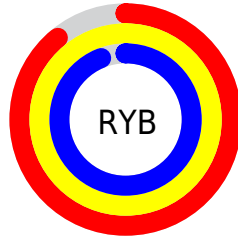
The CIELCh color **98, 15.001, 127.310** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **92, 15.258, 308.329**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 14.606, 127.114** is the 20% darker color. If you saturate the color by 10%, you get **97, 28.606, 126.821**, and if you desaturate by 10%, it is **99, 1.390, 127.860**.

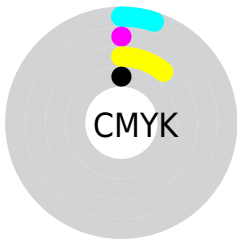
Distribution



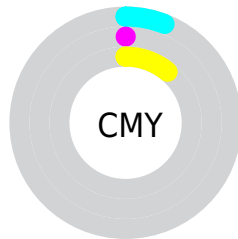
- Red (95%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (94%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 15.001, 127.310 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 98, 15.001, 127.310 by changing the saturation by 10% instead.


 98, 15.001,
127.310


 98, 15.001,
127.310


 100, 15.001,
127.310


 88, 15.001,
127.310


 78, 15.001,
127.310

 68, 15.001,
127.310

 58, 15.001,
127.310

 48, 15.001,
127.310

 38, 15.001,
127.310

 28, 15.001,

127.310

■ 18, 15.001,
127.310

■ 8, 15.001, 127.310

■ 98, 15.001,
127.310

■ 98, 15.001,
127.310

■ 97, 28.606,
126.821

■ 99, 1.390, 127.860

■ 95, 42.083,
126.321

100, 0.741,
324.050

■ 94, 55.269,
125.837

■ 93, 67.924,
125.413

■ 92, 79.696,
125.115

■ 92, 90.096,
125.043

■ 91, 98.528,
125.324

■ 90, 104.468,
126.080

■ 90, 107.774,
127.140

Harmonies

Complementary

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



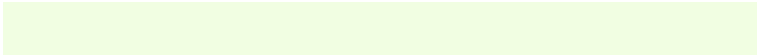
98, 15.001, 127.310



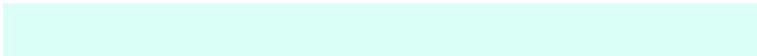
92, 15.258, 308.329

Rectangle

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



98, 15.001, 127.310



98, 15.001, 177.310



98, 15.001, 307.310



98, 15.001, 357.310

Sweetspot

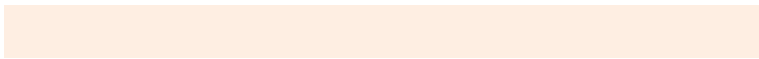
The Sweet Spot groups the original color and five complimentary colors.



98, 15.003, 127.314



100, 4.082, 127.711



95, 8.540, 68.492



53, 3.097, 127.668



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

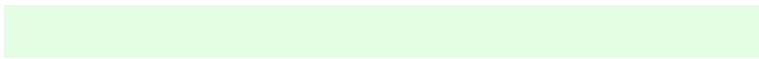
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 15.003, 127.314



98, 17.751, 127.218



97, 17.215, 142.495



53, 7.759, 127.388



70, 86.883, 126.857



24, 38.696, 125.287

Inverse Universe

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



92, 15.258, 308.329



91, 18.101, 308.430



93, 17.255, 323.656



49, 7.875, 308.252



29, 101.304, 311.091



6, 44.921, 311.905

Previews

White Background



This preview shows how the CIE LCh color 98, 15.001, 127.310 looks on a white background.

Color Contrast Check

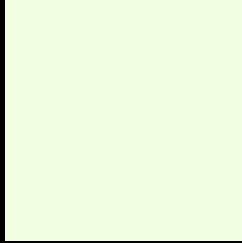
Large Text (above 18pt) WCAG AA × Fail

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 98, 15.001, 127.310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

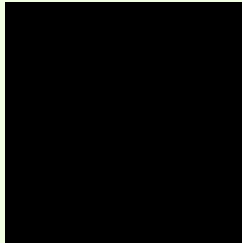
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

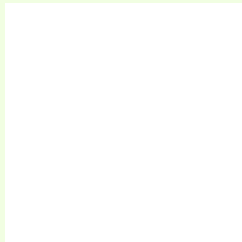
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 15.001, 127.310

Background



This preview shows how black text looks on a background with the CIELCh color 98, 15.001, 127.310.

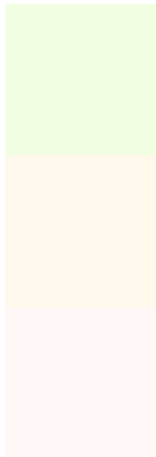


This preview shows how white text looks on a background with the CIELCh color 98, 15.001, 127.310.

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



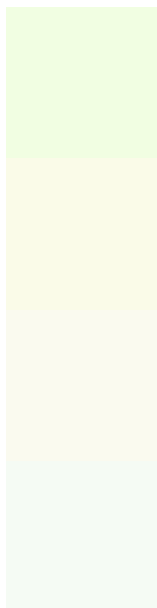
Original Color
98, 15.001, 127.310

Protanopia
98, 7.419, 92.702

Deuteranopia
98, 2.666, 41.733

Tritanopia
98, 3.084, 283.981

Trichromacy



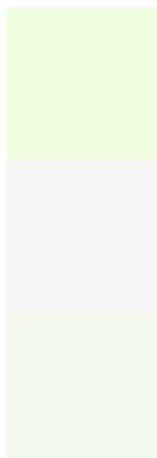
Original Color
98, 15.001, 127.310

Protanomaly
98, 9.658, 111.575

Deuteranomaly
98, 5.587, 109.740

Tritanomaly
98, 4.157, 140.424

Monochromacy



Original Color
98, 15.001, 127.310

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 5.296, 125.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 15.001, 127.310 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, 254, 226)` looks like.

```
.text, #text, p{  
    color:rgb(241, 254, 226)  
}
```

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, 254, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 254, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 15.001, 127.310 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, 254, 226) }
```

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

```
.border{ border-color:rgb(241, 254, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 254, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 254, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 254, 226);  
box-shadow:4px 4px 4px 4px rgb(241, 254,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 15.001, 127.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 254, 226) }
```

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

```
.background{ background-color: rgb(241,  
254, 226) }
```

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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