

Converting Colors

CIELCh(98, 18.216, 130.054)

Have a look what the booklet for
CIELCh(98, 18.216, 130.054)
contains.

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Color

CIECh(98, 18.013, 130.080)

Conversions

Conversions Part 1

Format	Color
Hex	EDFFDE
RGB	237, 255, 222
RGB Percent	93%, 100%, 87%
CMY	0.0701, 0.0000, 0.1289
CMYK	0.07, 0.00, 0.13, 0.00
HSL	93°, 100%, 94%
HSV	93°, 13%, 100%
XYZ	83.9767, 94.9163, 83.0957
YIQ	245.8560, -0.1350, -14.0790

Conversions

Conversions Part 2

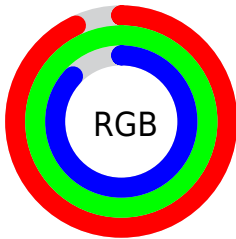
Format	Color
R _Y B	222, 255, 240
Decimal	15597534
CIE Lab	98.00, -11.60, 13.78
CIE LCh	98, 18.013, 130.080
Yxy	94.9163, 0.3205, 0.3623
Android (android.graphics.Color)	4293787614 (0xFFEDFFDE)
YUV	245.8560, -11.7610, -7.7667
Hunter-Lab	97.4250, -16.6333, 17.6278

Details

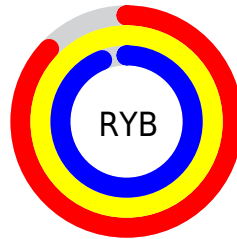
The CIELCh color **98, 18.013, 130.080** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **91, 18.225, 311.136**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 17.767, 130.065** is the 20% darker color. If you saturate the color by 10%, you get **97, 31.857, 129.538**, and if you desaturate by 10%, it is **100, 3.999, 130.493**.

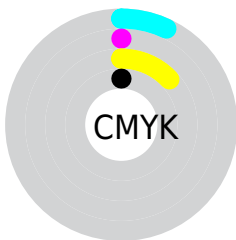
Distribution



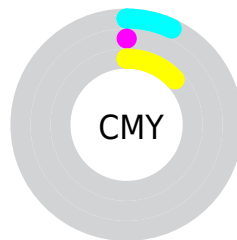
- Red (93%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (94%)



- Cyan (7%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 18.013, 130.080 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, 18.013, 130.080 by changing the saturation by 10% instead.


 98, 18.013,
130.080


 98, 18.013,
130.080


 100, 18.013,
130.080


 88, 18.013,
130.080

 78, 18.013,
130.080

 68, 18.013,
130.080

 58, 18.013,
130.080

 48, 18.013,
130.080

 38, 18.013,
130.080

 28, 18.013,

130.080

■ 18, 18.013,
130.080

■ 8, 18.013, 130.080

■ 98, 18.013,
130.080

■ 98, 18.013,
130.080

■ 97, 31.857,
129.538

■ 100, 3.999,
130.493

■ 95, 45.649,
129.046

100, 0.012,
296.813

■ 94, 59.120,
128.566

■ 93, 72.002,
128.143

■ 92, 83.909,
127.851

■ 91, 94.320,
127.797

■ 90, 102.621,
128.114

■ 90, 108.327,
128.913

■ 90, 110.968,
129.726

Harmonies

Complementary

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



98, 18.013, 130.080



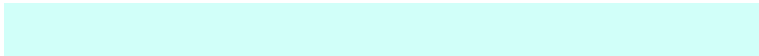
91, 18.225, 311.136

Rectangle

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



98, 18.013, 130.080



98, 18.013, 180.080



98, 18.013, 310.080



98, 18.013, 0.080

Sweetspot

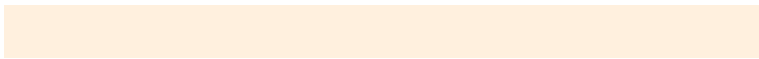
The Sweet Spot groups the original color and five complimentary colors.



98, 17.930, 130.017



99, 5.545, 130.434



95, 10.576, 77.273



53, 3.943, 130.397



0, 0.000, 0.000



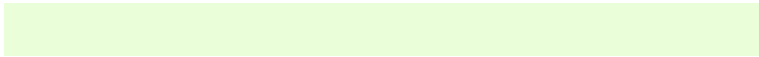
53, 0.007, 296.813

Same Dimension

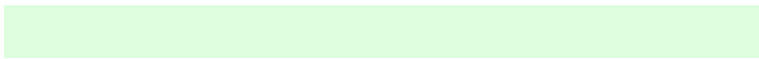
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 17.930, 130.017



98, 20.876, 129.917



97, 20.081, 144.560



52, 7.903, 130.174



69, 89.120, 129.449



23, 39.605, 127.950

Inverse Universe

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



91, 18.225, 311.136



89, 21.271, 311.236



92, 20.107, 326.050



49, 8.003, 310.977



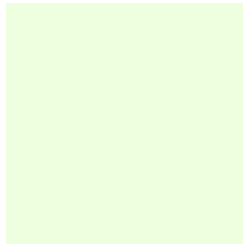
31, 99.592, 312.906



6, 44.834, 314.084

Previews

White Background



This preview shows how the CIE LCh color 98, 18.013, 130.080 looks on a white background.

Color Contrast Check

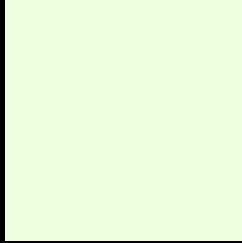
Large Text (above 18pt) WCAG AA × Fail

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, 18.013, 130.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

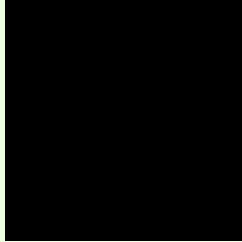
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

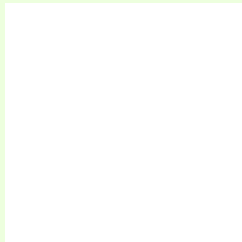
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 18.013, 130.080

Background



This preview shows how black text looks on a background with the CIELCh color 98, 18.013, 130.080.

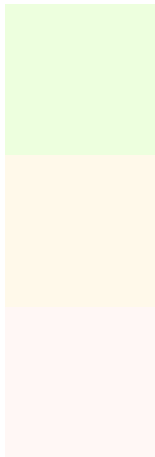


This preview shows how white text looks on a background with the CIELCh color 98, 18.013, 130.080.

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



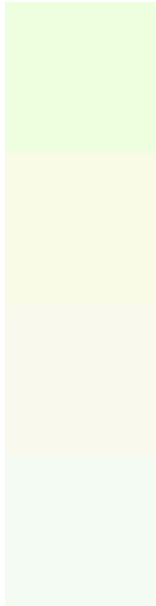
Original Color
98, 18.013, 130.080

Protanopia
98, 7.909, 93.714

Deuteranopia
98, 3.001, 39.179

Tritanopia
98, 3.137, 277.676

Trichromacy



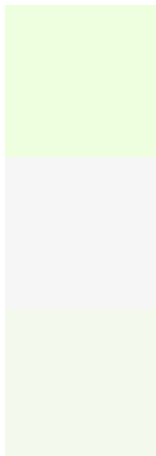
Original Color
98, 18.013, 130.080

Protanomaly
98, 10.695, 113.232

Deuteranomaly
98, 6.619, 112.758

Tritanomaly
98, 4.975, 144.323

Monochromacy



Original Color
98, 18.013, 130.080

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 6.492, 128.879

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 18.013, 130.080 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(237, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 222)  
}
```

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(237, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 18.013, 130.080 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(237, 255, 222) }
```

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

```
.border{ border-color:rgb(237, 255, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 18.013, 130.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 222) }
```

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

```
.background{ background-color: rgb(237,  
255, 222) }
```

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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