

Converting Colors

CIELCh(98, 13.750, 131.011)

Have a look what the booklet for
CIELCh(98, 13.750, 131.011)
contains.

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Color

CIELCh(98, 13.696, 130.724)

Conversions

Conversions Part 1

Format	Color
Hex	F0FEE5
RGB	240, 254, 229
RGB Percent	94%, 100%, 90%
CMY	0.0595, 0.0046, 0.1026
CMYK	0.06, 0.00, 0.10, 0.00
HSL	94°, 91%, 95%
HSV	94°, 10%, 100%
XYZ	85.3825, 94.9163, 87.8241
YIQ	246.9640, -0.3190, -10.7430

Conversions

Conversions Part 2

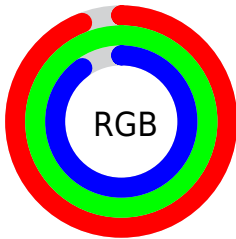
Format	Color
R_{YB}	229, 254, 243
Decimal	15793893
CIE _{Lab}	98.00, -8.94, 10.38
CIE _{LCh}	98, 13.696, 130.724
Yxy	94.9163, 0.3184, 0.3540
Android (android.graphics.Color)	4293983973 (0xFFFF0FEE5)
YUV	246.9640, -8.8563, -6.1074
Hunter-Lab	97.4250, -14.0577, 14.7503

Details

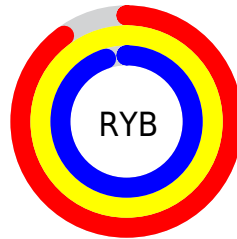
The CIELCh color **98, 13.696, 130.724** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 13.870, 311.553**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 13.241, 130.826** is the 20% darker color. If you saturate the color by 10%, you get **96, 27.649, 130.256**, and if you desaturate by 10%, it is **100, 0.220, 310.397**.

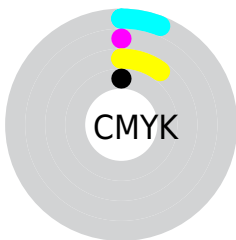
Distribution



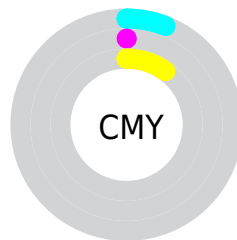
- Red (94%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (95%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)




- Cyan (6%)
- Magenta (0%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 13.696, 130.724 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, 13.696, 130.724 by changing the saturation by 10% instead.

 98, 13.696,
130.724

 98, 13.696,
130.724

 100, 13.696,
130.724


 88, 13.696,
130.724


 78, 13.696,
130.724

 68, 13.696,
130.724

 58, 13.696,
130.724

 48, 13.696,
130.724

 38, 13.696,
130.724

 28, 13.696,

130.724

■ 18, 13.696,
130.724

■ 8, 13.696, 130.724

■ 98, 13.696,
130.724

■ 98, 13.696,
130.724

■ 96, 27.649,
130.256

■ 100, 0.220,
310.397

■ 95, 41.513,
129.765

■ 100, 0.734,
324.046

■ 94, 55.124,
129.275

■ 93, 68.239,
128.822

■ 92, 80.511,
128.471

■ 91, 91.460,
128.318

■ 90, 100.487,
128.490

■ 90, 107.034,
129.115

■ 89, 111.089,
130.184

Harmonies

Complementary

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



98, 13.696, 130.724



93, 13.870, 311.553

Rectangle

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



98, 13.696, 130.724



98, 13.696, 180.724



98, 13.696, 310.724



98, 13.696, 0.724

Sweetspot

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



98, 13.698, 130.727



100, 4.171, 131.054



96, 8.103, 79.335



53, 3.165, 131.012



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

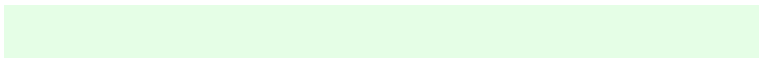
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 13.698, 130.727



98, 16.761, 130.627



97, 15.088, 145.232



52, 7.936, 130.743



69, 89.572, 129.931



23, 39.795, 128.458

Inverse Universe

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



93, 13.870, 311.553



91, 17.009, 311.653



93, 15.112, 326.344



49, 8.032, 311.538



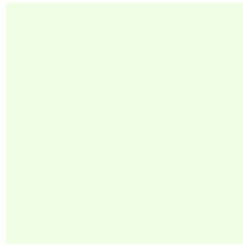
32, 99.238, 313.324



7, 44.795, 314.547

Previews

White Background



This preview shows how the CIELCh color 98, 13.696, 130.724 looks on a white background.

Color Contrast Check

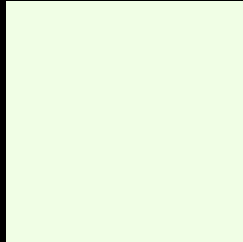
Large Text (above 18pt) WCAG AA × Fail

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, 13.696, 130.724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

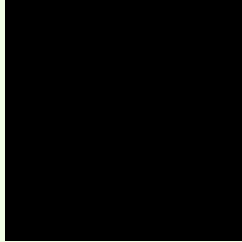
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

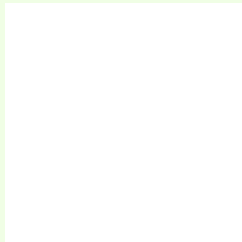
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 13.696, 130.724

Background



This preview shows how black text looks on a background with the CIELCh color 98, 13.696, 130.724.

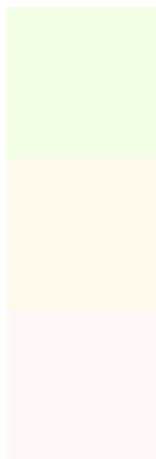


This preview shows how white text looks on a background with the CIELCh color 98, 13.696, 130.724.

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, 13.696, 130.724

Protanopia

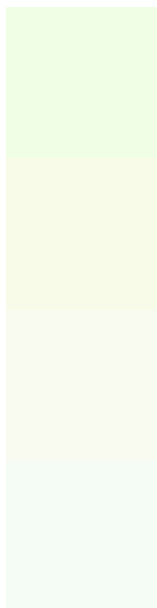
98, 6.933, 91.542

Deuteranopia

98, 2.666, 41.733

Tritanopia
98, 3.084, 283.981

Trichromacy



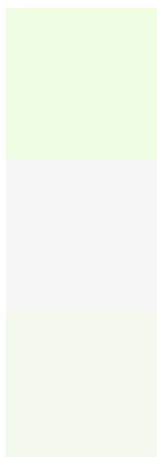
Original Color
98, 13.696, 130.724

Protanomaly
98, 9.176, 113.968

Deuteranomaly
98, 5.096, 113.778

Tritanomaly
98, 3.726, 144.390

Monochromacy



Original Color
98, 13.696, 130.724

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 4.928, 130.866

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 13.696, 130.724 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(240, 254, 229)` looks like.

```
.text, #text, p{  
    color:rgb(240, 254, 229)  
}
```

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(240, 254, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 254, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 13.696, 130.724 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(240, 254, 229) }
```

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

```
.border{ border-color:rgb(240, 254, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 254, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 254, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 254, 229);  
box-shadow:4px 4px 4px 4px rgb(240, 254,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 13.696, 130.724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 254, 229) }
```

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

```
.background{ background-color: rgb(240,  
254, 229) }
```

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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