

Converting Colors

CIELCh(98, 16.347, 137.710)

Have a look what the booklet for
CIELCh(98, 16.347, 137.710)
contains.

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Color

CIElCh(98, 15.707, 137.670)

Conversions

Conversions Part 1

Format	Color
Hex	EAF FE4
RGB	234, 255, 228
RGB Percent	92%, 100%, 89%
CMY	0.0810, 0.0000, 0.1045
CMYK	0.08, 0.00, 0.10, 0.00
HSL	106°, 100%, 95%
HSV	106°, 10%, 100%
XYZ	83.9693, 94.9163, 87.5450
YIQ	245.6430, -3.8490, -12.8490

Conversions

Conversions Part 2

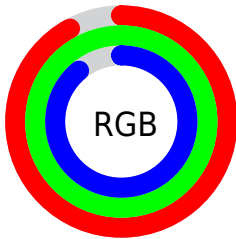
Format	Color
R_{YB}	228, 255, 249
Decimal	15400932
CIE _{Lab}	98.00, -11.61, 10.58
CIE _{LCh}	98, 15.707, 137.670
Yxy	94.9163, 0.3152, 0.3563
Android (android.graphics.Color)	4293591012 (0xFFEAF _{FE} 4)
YUV	245.6430, -8.6980, -10.2109
Hunter-Lab	97.4250, -16.6468, 14.9202

Details

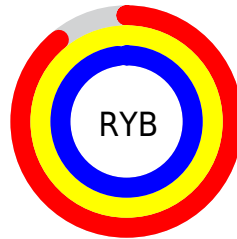
The CIELCh color **98, 15.707, 137.670** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **93, 15.593, 318.496**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 15.371, 138.232** is the 20% darker color. If you saturate the color by 10%, you get **96, 30.415, 137.056**, and if you desaturate by 10%, it is **100, 0.656, 138.403**.

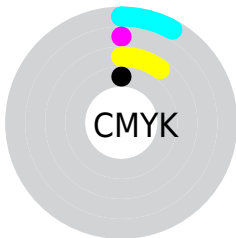
Distribution



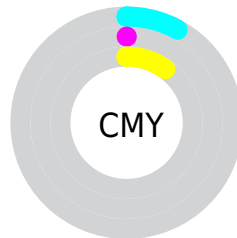
- Red (92%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 15.707, 137.670 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, 15.707, 137.670 by changing the saturation by 10% instead.


 98, 15.707,
137.670


 98, 15.707,
137.670


 100, 15.707,
137.670


 88, 15.707,
137.670


 78, 15.707,
137.670

 68, 15.707,
137.670

 58, 15.707,
137.670

 48, 15.707,
137.670

 38, 15.707,
137.670

 28, 15.707,

137.670

■ 18, 15.707,
137.670

■ 8, 15.707, 137.670

■ 98, 15.707,
137.670

■ 98, 15.707,
137.670

■ 96, 30.415,
137.056

■ 100, 0.656,
138.403

■ 94, 45.270,
136.469

■ 100, 0.012,
296.813

■ 93, 59.835,
135.834

■ 92, 73.808,
135.183

■ 91, 86.777,
134.571

■ 90, 98.197,
134.092

■ 89, 107.421,
133.876

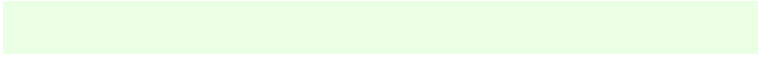
■ 89, 113.860,
134.044

■ 88, 117.417,
134.533

Harmonies

Complementary

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



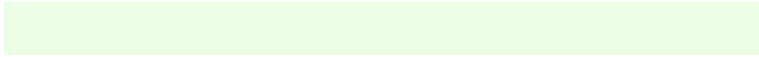
98, 15.707, 137.670



93, 15.593, 318.496

Rectangle

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



98, 15.707, 137.670



98, 15.707, 187.670



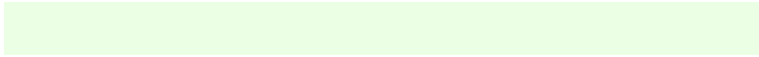
98, 15.707, 317.670



98, 15.707, 7.670

Sweetspot

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



98, 15.491, 137.589



99, 4.420, 137.978



98, 10.616, 97.078



53, 3.354, 137.930



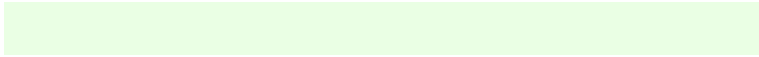
0, 0.000, 0.000



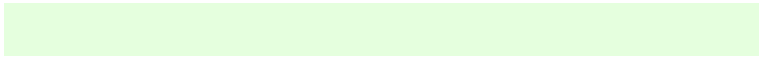
53, 0.007, 296.813

Same Dimension

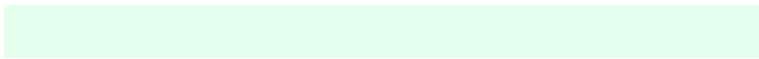
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 15.491, 137.589



97, 19.290, 137.458



98, 13.767, 152.273



52, 8.422, 137.637



68, 94.360, 134.360



23, 42.033, 133.544

Inverse Universe

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



93, 15.593, 318.496



91, 19.438, 318.612



93, 13.829, 333.643



50, 8.474, 318.452



38, 95.227, 319.813



9, 43.629, 320.755

Previews

White Background



This preview shows how the CIE LCh color 98, 15.707, 137.670 looks on a white background.

Color Contrast Check

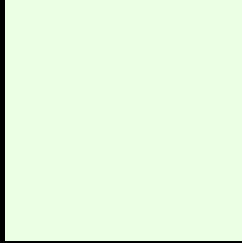
Large Text (above 18pt) WCAG AA × Fail

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, 15.707, 137.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

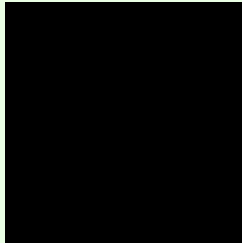
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

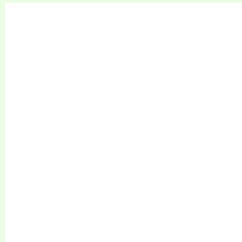
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 15.707, 137.670

Background



This preview shows how black text looks on a background with the CIELCh color 98, 15.707, 137.670.

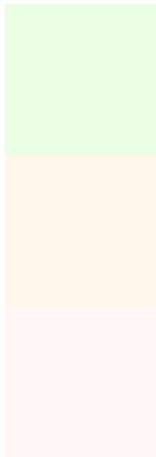


This preview shows how white text looks on a background with the CIELCh color 98, 15.707, 137.670.

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



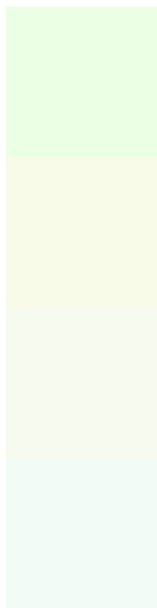
Original Color
98, 15.707, 137.670

Protanopia
98, 7.536, 90.058

Deuteranopia
98, 3.001, 39.179

Tritanopia
98, 3.225, 271.658

Trichromacy



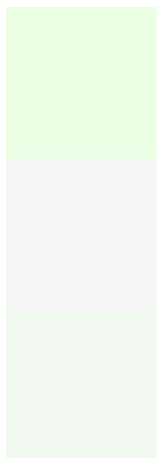
Original Color
98, 15.707, 137.670

Protanomaly
98, 9.771, 117.896

Deuteranomaly
98, 5.702, 120.519

Tritanomaly
98, 4.417, 155.506

Monochromacy



Original Color
98, 15.707, 137.670

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 5.232, 138.030

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 15.707, 137.670 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(234, 255, 228)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 228)  
}
```

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(234, 255, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 15.707, 137.670 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(234, 255, 228) }
```

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

```
.border{ border-color:rgb(234, 255, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 255, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 228);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 15.707, 137.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 228) }
```

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

```
.background{ background-color: rgb(234,  
255, 228) }
```

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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