

Converting Colors

CIELCh(98, 16.589, 139.205)

Have a look what the booklet for
CIELCh(98, 16.589, 139.205)
contains.

CIELCh(98, 15.886, 138.763)	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(98, 15.886, 138.763)

Conversions

Conversions Part 1

Format	Color
Hex	EAF FE5
RGB	234, 255, 229
RGB Percent	92%, 100%, 90%
CMY	0.0842, 0.0000, 0.1038
CMYK	0.08, 0.00, 0.10, 0.00
HSL	109°, 100%, 95%
HSV	109°, 10%, 100%
XYZ	83.7940, 94.9163, 87.6940
YIQ	245.7570, -4.1700, -12.5380

Conversions

Conversions Part 2

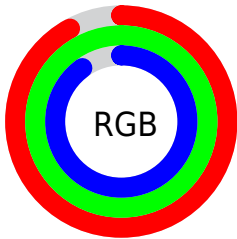
Format	Color
R_{YB}	229, 255, 250
Decimal	15400933
CIE _{Lab}	98.00, -11.95, 10.47
CIE _{LCh}	98, 15.886, 138.763
Yxy	94.9163, 0.3145, 0.3563
Android (android.graphics.Color)	4293591013 (0xFFEAF _{FE5})
YUV	245.7570, -8.2612, -10.3109
Hunter-Lab	97.4250, -16.9682, 14.8295

Details

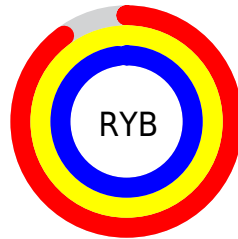
The CIELCh color **98, 15.886, 138.763** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **93, 15.636, 319.588**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 14.905, 139.225** is the 20% darker color. If you saturate the color by 10%, you get **96, 30.644, 138.107**, and if you desaturate by 10%, it is **100, 0.551, 139.582**.

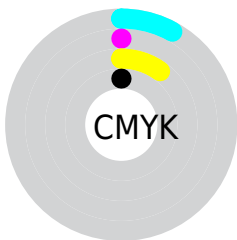
Distribution



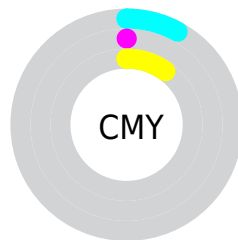
- Red (92%)
- Green (100%)
- Blue (90%)



- Red (90%)
- 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, 15.886, 138.763 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, 15.886, 138.763 by changing the saturation by 10% instead.


 98, 15.886,
138.763


 98, 15.886,
138.763


 100, 15.886,
138.763


 88, 15.886,
138.763


 78, 15.886,
138.763

 68, 15.886,
138.763

 58, 15.886,
138.763

 48, 15.886,
138.763

 38, 15.886,
138.763

 28, 15.886,

138.763

■ 18, 15.886,
138.763

■ 8, 15.886, 138.763

■ 98, 15.886,
138.763

■ 98, 15.886,
138.763

■ 96, 30.644,
138.107

■ 100, 0.551,
139.582

■ 94, 45.671,
137.489

■ 100, 0.012,
296.813

■ 93, 60.396,
136.814

■ 92, 74.503,
136.108

■ 90, 87.568,
135.426

■ 90, 99.035,
134.860

■ 89, 108.249,
134.538

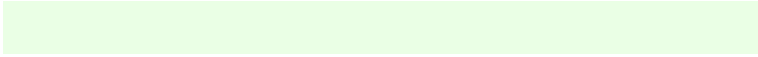
■ 88, 114.617,
134.586

■ 88, 118.064,
134.952

Harmonies

Complementary

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



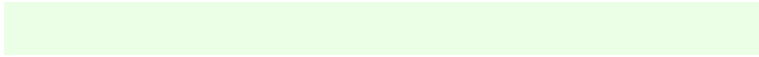
98, 15.886, 138.763



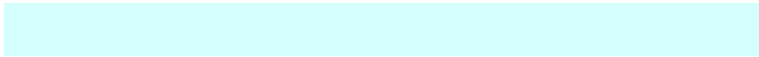
93, 15.636, 319.588

Rectangle

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



98, 15.886, 138.763



98, 15.886, 188.763



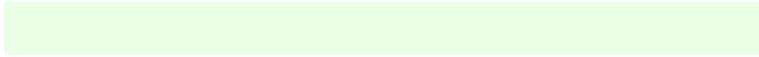
98, 15.886, 318.763



98, 15.886, 8.763

Sweetspot

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



98, 15.549, 138.661



99, 4.468, 139.060



98, 10.912, 99.198



53, 3.390, 139.011



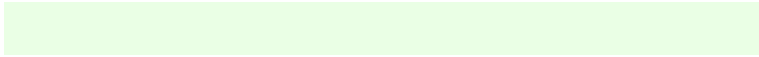
0, 0.000, 0.000



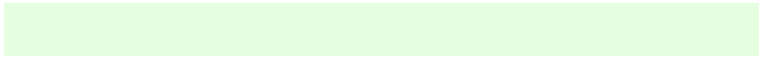
53, 0.007, 296.813

Same Dimension

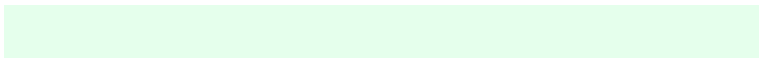
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 15.549, 138.661



98, 17.995, 138.575



98, 13.335, 153.574



52, 8.514, 138.707



68, 94.904, 134.801



23, 42.339, 134.139

Inverse Universe

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



93, 15.636, 319.588



92, 18.106, 319.665



93, 13.407, 334.973



50, 8.560, 319.547



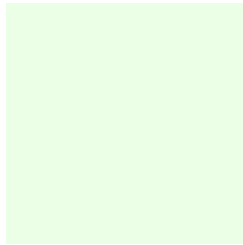
39, 94.713, 321.075



10, 43.438, 321.890

Previews

White Background



This preview shows how the CIE LCh color 98, 15.886, 138.763 looks on a white background.

Color Contrast Check

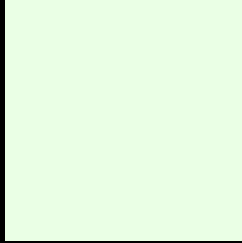
Large Text (above 18pt) WCAG AA × Fail

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, 15.886, 138.763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

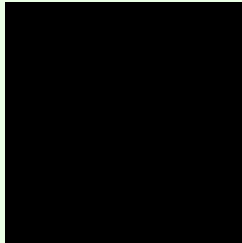
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

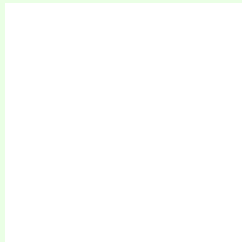
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 15.886, 138.763

Background



This preview shows how black text looks on a background with the CIELCh color 98, 15.886, 138.763.

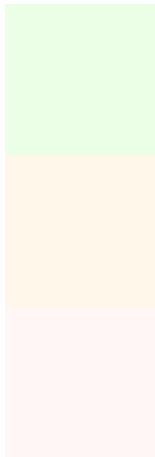


This preview shows how white text looks on a background with the CIELCh color 98, 15.886, 138.763.

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



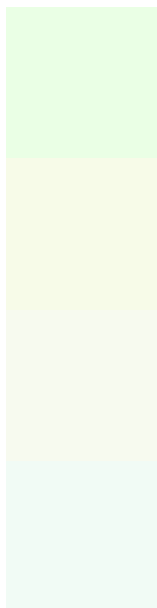
Original Color
98, 15.260, 138.575

Protanopia
98, 7.536, 90.058

Deuteranopia
98, 3.001, 39.179

Tritanopia
98, 3.225, 271.658

Trichromacy



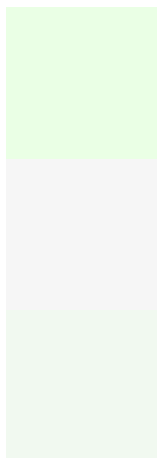
Original Color
98, 15.260, 138.575

Protanomaly
98, 9.771, 117.896

Deuteranomaly
98, 5.702, 120.519

Tritanomaly
98, 4.676, 158.427

Monochromacy



Original Color
98, 15.260, 138.575

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 5.413, 141.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 15.886, 138.763 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 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(234, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 15.886, 138.763 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, 229) }
```

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

```
.border{ border-color:rgb(234, 255, 229) }
```

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, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 15.886, 138.763 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, 229) }
```

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

```
.background{ background-color: rgb(234,  
255, 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](#).

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