

Converting Colors

CIELCh(100, 25.783, 136.456)

Have a look what the booklet for
CIELCh(100, 25.783, 136.456)
contains.

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Color

CIELCh(98, 19.843, 134.684)

Conversions

Conversions Part 1

Format	Color
Hex	E8FFDD
RGB	232, 255, 221
RGB Percent	91%, 100%, 87%
CMY	0.0885, 0.0000, 0.1317
CMYK	0.09, 0.00, 0.13, 0.00
HSL	100°, 100%, 93%
HSV	100°, 13%, 100%
XYZ	82.7458, 94.9163, 82.6523
YIQ	244.2470, -2.7940, -15.4500

Conversions

Conversions Part 2

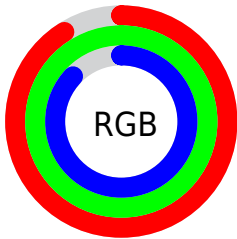
Format	Color
R _Y B	221, 255, 244
Decimal	15269853
CIE Lab	98.00, -13.95, 14.11
CIE LCh	98, 19.843, 134.684
Yxy	94.9163, 0.3179, 0.3646
Android (android.graphics.Color)	4293459933 (0xFFE8FFDD)
YUV	244.2470, -11.4608, -10.7406
Hunter-Lab	97.4250, -18.8886, 17.8977

Details

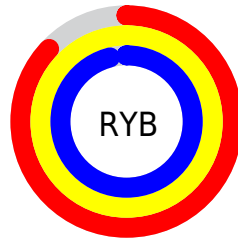
The CIELCh color **98, 19.843, 134.684** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **91, 19.186, 315.391**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 19.049, 134.633** is the 20% darker color. If you saturate the color by 10%, you get **96, 33.421, 133.780**, and if you desaturate by 10%, it is **99, 4.541, 134.758**.

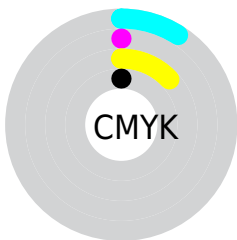
Distribution



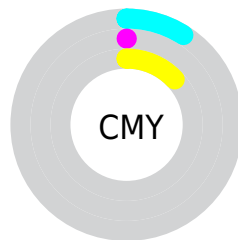
- Red (91%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (96%)



- Cyan (9%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 19.843, 134.684 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, 19.843, 134.684 by changing the saturation by 10% instead.

 98, 19.843,
134.684


 98, 19.843,
134.684

 100, 19.843,
134.684

 88, 19.843,
134.684


 78, 19.843,
134.684

 68, 19.843,
134.684

 58, 19.843,
134.684

 48, 19.843,
134.684

 38, 19.843,
134.684

 28, 19.843,

134.684

■ 18, 19.843,
134.684

■ 8, 19.843, 134.684

■ 98, 19.843,
134.684

■ 98, 19.843,
134.684

■ 96, 33.421,
133.780

■ 99, 4.541, 134.758

■ 95, 47.754,
133.250

100, 0.012,
296.813

■ 93, 61.755,
132.707

■ 92, 75.126,
132.192

■ 91, 87.454,
131.778

■ 90, 98.188,
131.569

■ 89, 106.694,
131.701

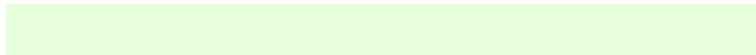
■ 89, 112.469,
132.281

■ 89, 114.997,
132.876

Harmonies

Complementary

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



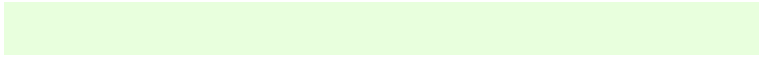
98, 19.843, 134.684



91, 19.186, 315.391

Rectangle

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



98, 19.843, 134.684



98, 19.843, 184.684



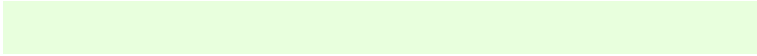
98, 19.843, 314.684



98, 19.843, 4.684

Sweetspot

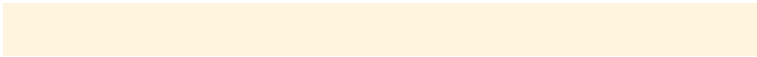
The Sweet Spot groups the original color and five complimentary colors.



98, 18.966, 134.277



99, 5.731, 134.714



96, 12.125, 89.441



53, 4.076, 134.676



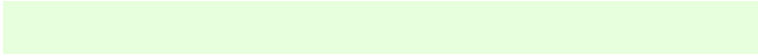
0, 0.000, 0.000



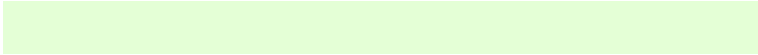
53, 0.007, 296.813

Same Dimension

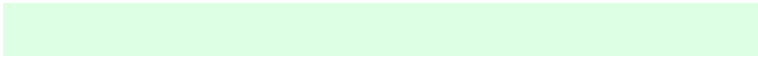
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 18.966, 134.277



97, 23.056, 134.141



97, 18.688, 148.538



52, 8.175, 134.451



68, 92.366, 132.645



23, 41.034, 131.451

Inverse Universe

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



91, 19.186, 315.391



89, 23.374, 315.517



92, 18.739, 330.181



49, 8.248, 315.228



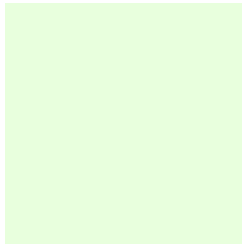
35, 96.976, 316.474



8, 44.283, 317.708

Previews

White Background



This preview shows how the CIE LCh color 98, 19.843, 134.684 looks on a white background.

Color Contrast Check

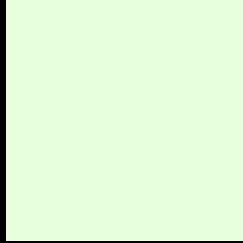
Large Text (above 18pt) WCAG AA × Fail

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, 19.843, 134.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

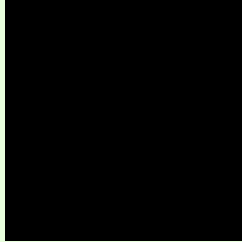
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

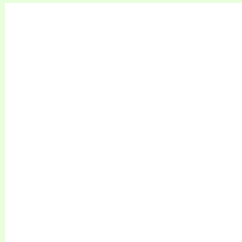
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 19.843, 134.684

Background



This preview shows how black text looks on a background with the CIELCh color 98, 19.843, 134.684.

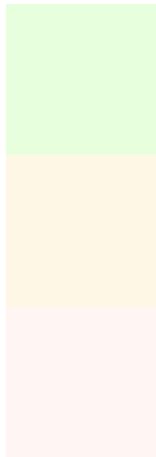


This preview shows how white text looks on a background with the CIELCh color 98, 19.843, 134.684.

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, 19.223, 134.409

Protanopia
97, 9.108, 90.926

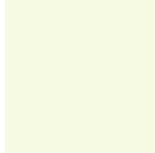
Deuteranopia
97, 3.531, 45.031

Tritanopia
98, 3.714, 274.255

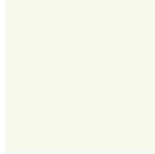
Trichromacy



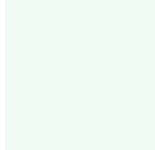
Original Color
98, 19.223, 134.409



Protanomaly
98, 11.748, 114.586

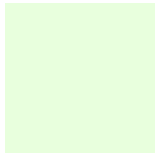


Deuteranomaly
97, 7.163, 115.357

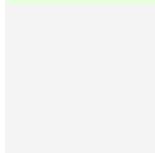


Tritanomaly
98, 5.648, 152.982

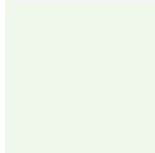
Monochromacy



Original Color
98, 19.223, 134.409



Achromatopsia
96, 0.011, 296.813



Achromatomaly
97, 6.773, 134.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 19.843, 134.684 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(232, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 221)  
}
```

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(232, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 19.843, 134.684 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(232, 255, 221) }
```

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

```
.border{ border-color:rgb(232, 255, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 19.843, 134.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 221) }
```

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

```
.background{ background-color: rgb(232,  
255, 221) }
```

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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