

Converting Colors

CIELCh(98, 19.808, 126.962)

Have a look what the booklet for
CIELCh(98, 19.808, 126.962)
contains.

CIELCh(98, 19.793, 126.965)	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, 19.793, 126.965)

Conversions

Conversions Part 1

Format	Color
Hex	EEFFDA
RGB	238, 255, 218
RGB Percent	93%, 100%, 85%
CMY	0.0660, 0.0000, 0.1444
CMYK	0.07, 0.00, 0.14, 0.00
HSL	87°, 100%, 93%
HSV	87°, 14%, 100%
XYZ	83.8171, 94.9163, 80.3548
YIQ	245.6990, 1.7450, -15.1110

Conversions

Conversions Part 2

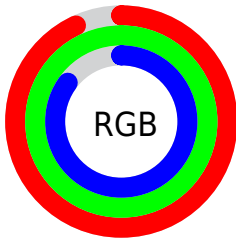
Format	Color
R _{YB}	218, 255, 235
Decimal	15663066
CIE _{Lab}	98.00, -11.90, 15.81
CIE _{LCh}	98, 19.793, 126.965
Y _{xy}	94.9163, 0.3235, 0.3663
Android (android.graphics.Color)	4293853146 (0xFFEEFFDA)
YUV	245.6990, -13.6556, -6.7520
Hunter-Lab	97.4250, -16.9258, 19.2959

Details

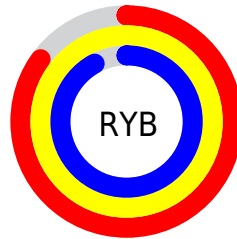
The CIELCh color **98, 19.793, 126.965** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 20.120, 308.240**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 19.626, 126.737** is the 20% darker color. If you saturate the color by 10%, you get **97, 33.284, 126.371**, and if you desaturate by 10%, it is **99, 6.038, 127.362**.

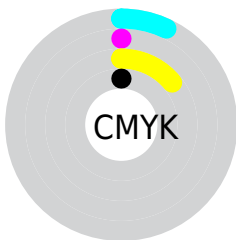
Distribution



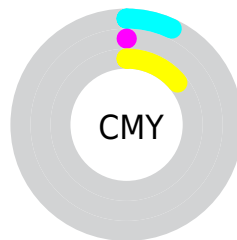
- Red (93%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (92%)



- Cyan (7%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)




- Cyan (7%)
- Magenta (0%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 19.793, 126.965 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, 19.793, 126.965 by changing the saturation by 10% instead.


 98, 19.793,
126.965


 98, 19.793,
126.965


 100, 19.793,
126.965


 88, 19.793,
126.965


 78, 19.793,
126.965

 68, 19.793,
126.965

 58, 19.793,
126.965

 48, 19.793,
126.965

 38, 19.793,
126.965

 28, 19.793,

126.965

■ 18, 19.793,
126.965

■ 8, 19.793, 126.965

■ 98, 19.793,
126.965

■ 98, 19.793,
126.965

■ 97, 33.284,
126.371

■ 99, 6.038, 127.362

■ 95, 46.706,
125.871

100, 0.012,
296.813

■ 94, 59.763,
125.401

■ 93, 72.179,
125.010

■ 93, 83.557,
124.778

■ 92, 93.359,
124.813

■ 91, 100.983,
125.247

■ 91, 106.005,
126.182

■ 90, 107.880,
126.868

Harmonies

Complementary

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



98, 19.793, 126.965



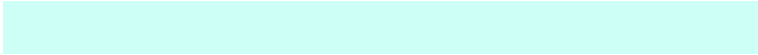
89, 20.120, 308.240

Rectangle

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



98, 19.793, 126.965



98, 19.793, 176.965



98, 19.793, 306.965



98, 19.793, 356.965

Sweetspot

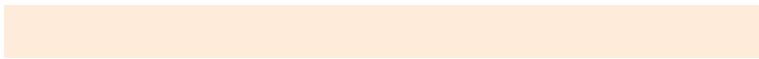
The Sweet Spot groups the original color and five complimentary colors.



98, 19.685, 126.871



99, 5.439, 127.384



94, 11.327, 68.111



53, 3.867, 127.346



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

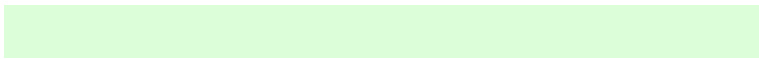
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 19.685, 126.871



98, 23.176, 126.744



97, 22.659, 142.275



53, 7.746, 127.113



70, 86.663, 126.581



24, 38.610, 125.010

Inverse Universe

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



89, 20.120, 308.240



88, 23.779, 308.377



91, 22.712, 323.837



49, 7.864, 307.985



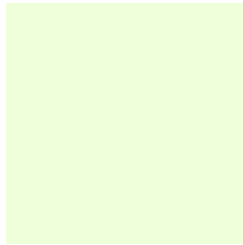
29, 101.469, 310.932



6, 44.922, 311.698

Previews

White Background



This preview shows how the CIE LCh color 98, 19.793, 126.965 looks on a white background.

Color Contrast Check

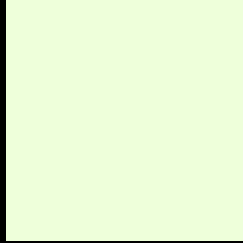
Large Text (above 18pt) WCAG AA × Fail

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, 19.793, 126.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

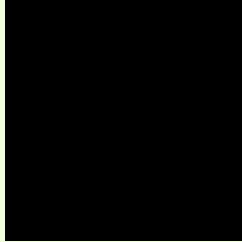
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

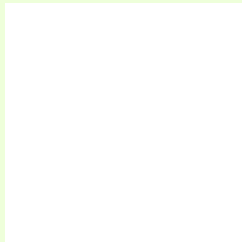
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 19.793, 126.965

Background



This preview shows how black text looks on a background with the CIELCh color 98, 19.793, 126.965.

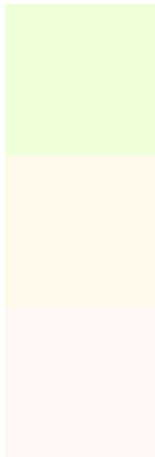


This preview shows how white text looks on a background with the CIELCh color 98, 19.793, 126.965.

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, 19.793, 126.965

Protanopia
98, 8.400, 94.603

Deuteranopia
98, 3.001, 39.179

Tritanopia
98, 3.084, 283.981

Trichromacy



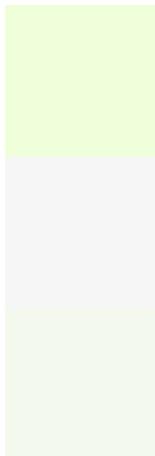
Original Color
98, 19.793, 126.965

Protanomaly
98, 11.707, 112.830

Deuteranomaly
98, 7.634, 112.279

Tritanomaly
98, 5.224, 138.031

Monochromacy



Original Color
98, 19.793, 126.965

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 6.975, 127.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 19.793, 126.965 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(238, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 218)  
}
```

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(238, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 19.793, 126.965 is called "border". The border property can be set on classes, ids or directly on the HTML element.

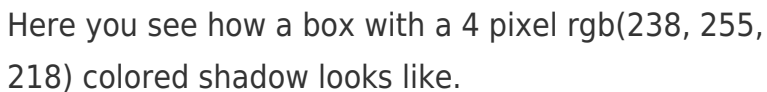
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 255, 218) }
```

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

```
.border{ border-color:rgb(238, 255, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 255, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 255, 218); box-shadow:4px 4px 4px 4px rgb(238, 255, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 19.793, 126.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 218) }
```

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

```
.background{ background-color: rgb(238,  
255, 218) }
```

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