

Converting Colors

CIELCh(98, 16.505, 129.376)

Have a look what the booklet for
CIELCh(98, 16.505, 129.376)
contains.

CIELCh(98, 16.798, 129.097)	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, 16.798, 129.097)

Conversions

Conversions Part 1

Format	Color
Hex	EFFFE0
RGB	239, 255, 224
RGB Percent	94%, 100%, 88%
CMY	0.0643, 0.0015, 0.1231
CMYK	0.06, 0.00, 0.12, 0.00
HSL	91°, 98%, 94%
HSV	91°, 12%, 100%
XYZ	84.5052, 94.9163, 84.1174
YIQ	246.6820, 0.4150, -13.0330

Conversions

Conversions Part 2

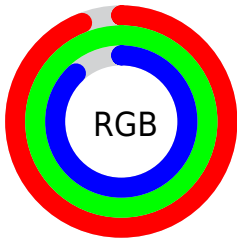
Format	Color
R_{YB}	224, 255, 240
Decimal	15728608
CIE _{Lab}	98.00, -10.59, 13.04
CIE _{LCh}	98, 16.798, 129.097
Yxy	94.9163, 0.3207, 0.3602
Android (android.graphics.Color)	4293918688 (0xFFEFFFFE0)
YUV	246.6820, -11.1822, -6.7371
Hunter-Lab	97.4250, -15.6650, 17.0061

Details

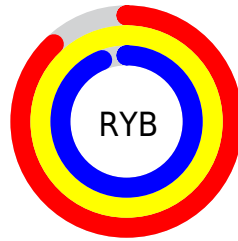
The CIELCh color **98, 16.798, 129.097** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **91, 17.079, 310.174**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 16.491, 129.029** is the 20% darker color. If you saturate the color by 10%, you get **97, 30.612, 128.619**, and if you desaturate by 10%, it is **100, 2.983, 129.590**.

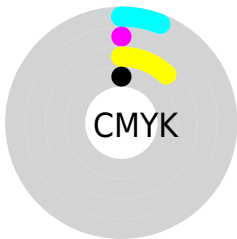
Distribution



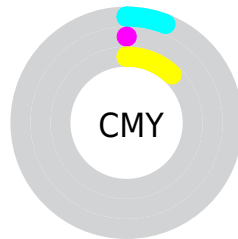
- Red (94%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (94%)



- Cyan (6%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 16.798, 129.097 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, 16.798, 129.097 by changing the saturation by 10% instead.


 98, 16.798,
129.097


 98, 16.798,
129.097


 100, 16.798,
129.097


 88, 16.798,
129.097

 78, 16.798,
129.097

 68, 16.798,
129.097

 58, 16.798,
129.097

 48, 16.798,
129.097

 38, 16.798,
129.097

 28, 16.798,

129.097

■ 18, 16.798,
129.097

■ 8, 16.798, 129.097

■ 98, 16.798,
129.097

■ 98, 16.798,
129.097

■ 97, 30.612,
128.619

■ 100, 2.983,
129.590

■ 95, 44.295,
128.127

100, 0.248,
323.203

■ 94, 57.670,
127.649

■ 93, 70.479,
127.229

■ 92, 82.352,
126.938

■ 91, 92.779,
126.881

■ 91, 101.153,
127.189

■ 90, 106.973,
127.978

■ 90, 109.887,
128.891

Harmonies

Complementary

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



98, 16.798, 129.097



91, 17.079, 310.174

Rectangle

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



98, 16.798, 129.097



98, 16.798, 179.097



98, 16.798, 309.097



98, 16.798, 359.097

Sweetspot

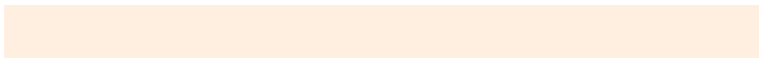
The Sweet Spot groups the original color and five complimentary colors.



98, 16.800, 129.100



99, 5.510, 129.487



95, 9.739, 73.875



53, 3.918, 129.450



0, 0.000, 0.000



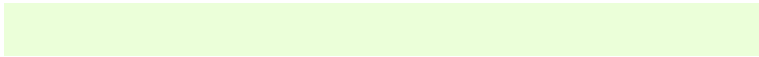
53, 0.007, 296.813

Same Dimension

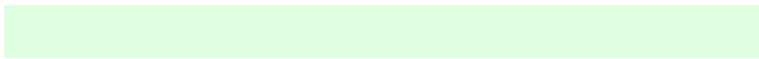
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 16.800, 129.100



98, 20.735, 128.966



97, 19.372, 143.716



53, 7.851, 129.225



69, 88.359, 128.610



23, 39.290, 127.075

Inverse Universe

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



91, 17.079, 310.174



89, 21.154, 310.311



92, 19.395, 325.099



49, 7.957, 310.046



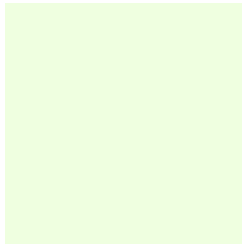
30, 100.181, 312.245



6, 44.882, 313.325

Previews

White Background



This preview shows how the CIE LCh color 98, 16.798, 129.097 looks on a white background.

Color Contrast Check

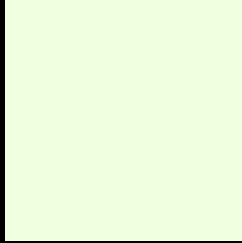
Large Text (above 18pt) WCAG AA × Fail

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, 16.798, 129.097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

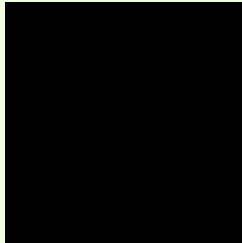
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

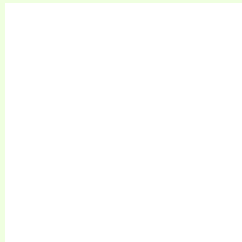
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 16.798, 129.097

Background



This preview shows how black text looks on a background with the CIELCh color 98, 16.798, 129.097.

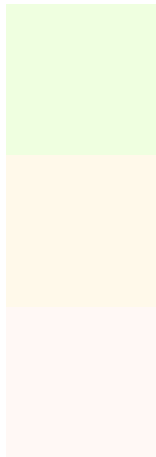


This preview shows how white text looks on a background with the CIELCh color 98, 16.798, 129.097.

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, 16.798, 129.097

Protanopia
98, 7.909, 93.714

Deuteranopia
98, 2.896, 51.088

Tritanopia
98, 3.084, 283.981

Trichromacy



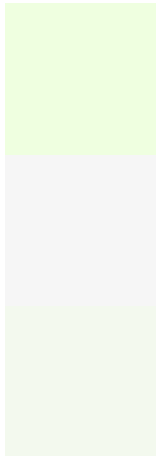
Original Color
98, 16.798, 129.097

Protanomaly
98, 10.695, 113.232

Deuteranomaly
98, 6.619, 112.758

Tritanomaly
98, 4.157, 140.424

Monochromacy



Original Color
98, 16.798, 129.097

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 6.012, 130.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 16.798, 129.097 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(239, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 224)  
}
```

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(239, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 16.798, 129.097 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(239, 255, 224) }
```

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

```
.border{ border-color:rgb(239, 255, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 16.798, 129.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 224) }
```

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

```
.background{ background-color: rgb(239,  
255, 224) }
```

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