

Converting Colors

CIELCh(99, 18.689, 132.056)

Have a look what the booklet for
CIELCh(99, 18.689, 132.056)
contains.

CIELCh(98, 16.459, 130.863)	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, 16.459, 130.863)

Conversions

Conversions Part 1

Format	Color
Hex	EEFFE1
RGB	238, 255, 225
RGB Percent	93%, 100%, 88%
CMY	0.0676, 0.0010, 0.1186
CMYK	0.07, 0.00, 0.12, 0.00
HSL	94°, 98%, 94%
HSV	94°, 12%, 100%
XYZ	84.4130, 94.9163, 84.9300
YIQ	246.4970, -0.5020, -12.9340

Conversions

Conversions Part 2

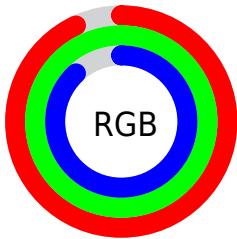
Format	Color
R_{YB}	225, 255, 242
Decimal	15663073
CIE _{Lab}	98.00, -10.77, 12.45
CIE _{LCh}	98, 16.459, 130.863
Yxy	94.9163, 0.3194, 0.3592
Android (android.graphics.Color)	4293853153 (0xFFEEFFE1)
YUV	246.4970, -10.5980, -7.4519
Hunter-Lab	97.4250, -15.8339, 16.5116

Details

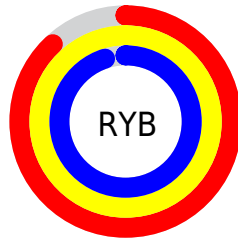
The CIELCh color **98, 16.459, 130.863** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **92, 16.697, 311.867**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 16.138, 130.924** is the 20% darker color. If you saturate the color by 10%, you get **97, 30.473, 130.390**, and if you desaturate by 10%, it is **100, 2.465, 131.361**.

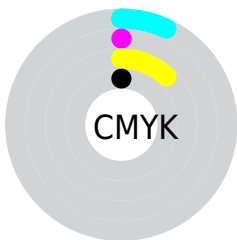
Distribution



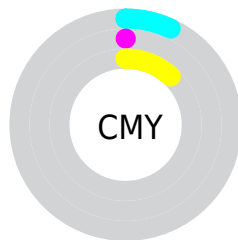
- Red (93%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 16.459, 130.863 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, 16.459, 130.863 by changing the saturation by 10% instead.


 98, 16.459,
130.863


 98, 16.459,
130.863


 100, 16.459,
130.863


 88, 16.459,
130.863

 78, 16.459,
130.863

 68, 16.459,
130.863

 58, 16.459,
130.863

 48, 16.459,
130.863

 38, 16.459,
130.863

 28, 16.459,

130.863

■ 18, 16.459,
130.863

■ 8, 16.459, 130.863

■ 98, 16.459,
130.863

■ 98, 16.459,
130.863

■ 97, 30.473,
130.390

■ 100, 2.465,
131.361

■ 95, 44.371,
129.897

■ 100, 0.163,
322.544

■ 94, 57.975,
129.408

■ 93, 71.023,
128.966

■ 92, 83.142,
128.640

■ 91, 93.821,
128.533

■ 90, 102.449,
128.777

■ 90, 108.506,
129.490

■ 89, 111.676,
130.389

Harmonies

Complementary

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



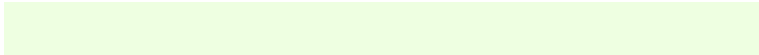
98, 16.459, 130.863



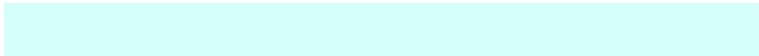
92, 16.697, 311.867

Rectangle

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



98, 16.459, 130.863



98, 16.459, 180.863



98, 16.459, 310.863



98, 16.459, 0.863

Sweetspot

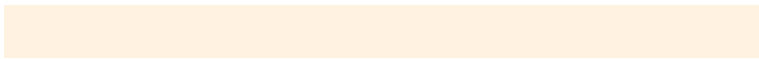
The Sweet Spot groups the original color and five complimentary colors.



98, 16.461, 130.866



99, 5.577, 131.229



96, 9.883, 80.733



53, 3.965, 131.192



0, 0.000, 0.000



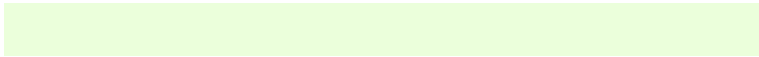
53, 0.007, 296.813

Same Dimension

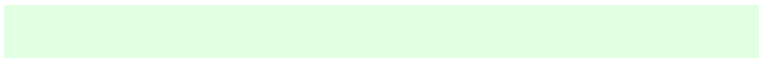
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 16.461, 130.866



98, 19.596, 130.762



97, 17.904, 145.572



52, 7.949, 130.971



69, 89.752, 130.118



23, 39.871, 128.658

Inverse Universe

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



92, 16.697, 311.867



90, 19.924, 311.970



93, 17.933, 326.940



49, 8.044, 311.762



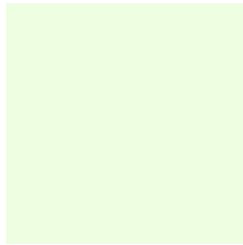
32, 99.097, 313.496



7, 44.776, 314.734

Previews

White Background



This preview shows how the CIE LCh color 98, 16.459, 130.863 looks on a white background.

Color Contrast Check

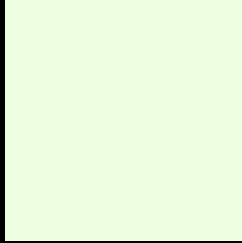
Large Text (above 18pt) WCAG AA × Fail

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, 16.459, 130.863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

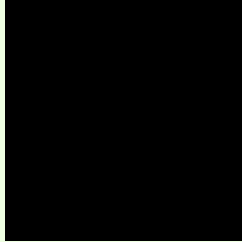
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

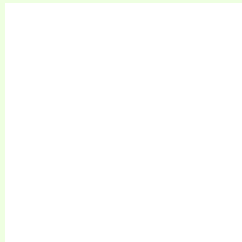
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 16.459, 130.863

Background



This preview shows how black text looks on a background with the CIELCh color 98, 16.459, 130.863.

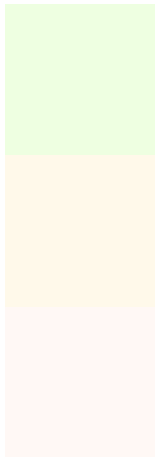


This preview shows how white text looks on a background with the CIELCh color 98, 16.459, 130.863.

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



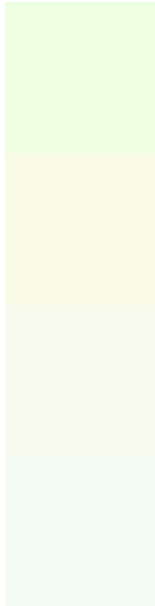
Original Color
98, 16.459, 130.863

Protanopia
98, 7.909, 93.714

Deuteranopia
98, 2.896, 51.088

Tritanopia
98, 3.084, 283.981

Trichromacy



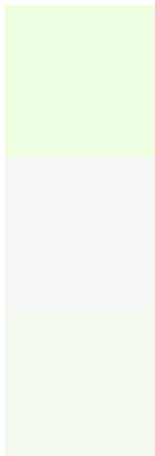
Original Color
98, 16.459, 130.863

Protanomaly
98, 10.188, 113.457

Deuteranomaly
98, 6.111, 113.048

Tritanomaly
98, 4.351, 144.355

Monochromacy



Original Color
98, 16.459, 130.863

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, 16.459, 130.863 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 16.459, 130.863 is called "border". The border property can be set on classes, ids or directly on the HTML element.

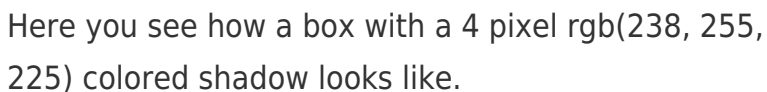
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 255, 225) }
```

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

```
.border{ border-color:rgb(238, 255, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 255, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 255, 225); box-shadow:4px 4px 4px 4px rgb(238, 255, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 16.459, 130.863 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, 225) }
```

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

```
.background{ background-color: rgb(238,  
255, 225) }
```

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