

Converting Colors

CIELCh(99, 17.222, 133.207)

Have a look what the booklet for
CIELCh(99, 17.222, 133.207)
contains.

CIELCh(98, 15.377, 131.061)	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, 15.377, 131.061)

Conversions

Conversions Part 1

Format	Color
Hex	EEFEE2
RGB	238, 254, 226
RGB Percent	93%, 100%, 89%
CMY	0.0650, 0.0023, 0.1120
CMYK	0.06, 0.00, 0.11, 0.00
HSL	94°, 96%, 94%
HSV	94°, 11%, 100%
XYZ	84.7654, 94.9163, 86.1161
YIQ	246.0240, -0.5480, -12.1000

Conversions

Conversions Part 2

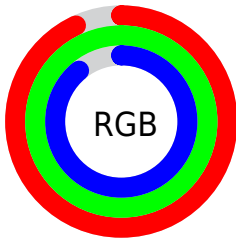
Format	Color
R _Y B	226, 254, 242
Decimal	15662818
CIE Lab	98.00, -10.10, 11.59
CIE LCh	98, 15.377, 131.061
Yxy	94.9163, 0.3189, 0.3571
Android (android.graphics.Color)	4293852898 (0xFFEEFEE2)
YUV	246.0240, -9.8718, -7.0370
Hunter-Lab	97.4250, -15.1884, 15.7897

Details

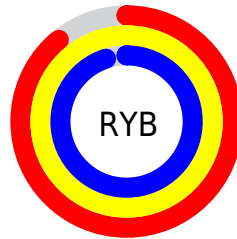
The CIELCh color **98, 15.377, 131.061** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **92, 15.585, 311.991**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 15.018, 131.154** is the 20% darker color. If you saturate the color by 10%, you get **96, 29.398, 130.590**, and if you desaturate by 10%, it is **100, 1.386, 131.609**.

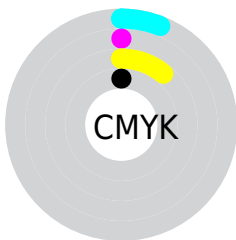
Distribution



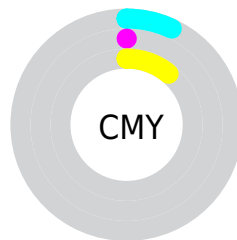
- Red (93%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (95%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 15.377, 131.061 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, 15.377, 131.061 by changing the saturation by 10% instead.


 98, 15.377,
131.061


 98, 15.377,
131.061


 100, 15.377,
131.061


 88, 15.377,
131.061


 78, 15.377,
131.061

 68, 15.377,
131.061

 58, 15.377,
131.061

 48, 15.377,
131.061

 38, 15.377,
131.061

 28, 15.377,

131.061

■ 18, 15.377,
131.061

■ 8, 15.377, 131.061

■ 98, 15.377,
131.061

■ 98, 15.377,
131.061

■ 96, 29.398,
130.590

■ 100, 1.386,
131.609

■ 95, 43.315,
130.097

■ 100, 0.366,
323.609

■ 94, 56.956,
129.605

■ 93, 70.064,
129.155

■ 92, 82.277,
128.813

■ 91, 93.095,
128.680

■ 90, 101.909,
128.887

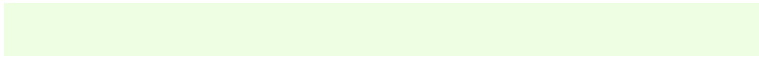
■ 90, 108.181,
129.555

■ 89, 111.725,
130.519

Harmonies

Complementary

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



98, 15.377, 131.061



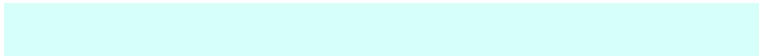
92, 15.585, 311.991

Rectangle

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



98, 15.377, 131.061



98, 15.377, 181.061



98, 15.377, 311.061



98, 15.377, 1.061

Sweetspot

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



98, 15.379, 131.064



99, 4.183, 131.444



96, 9.211, 80.831



53, 3.174, 131.401



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

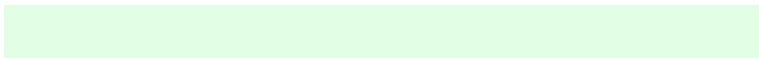
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 15.379, 131.064



98, 18.215, 130.971



97, 16.703, 145.626



52, 7.958, 131.133



69, 89.880, 130.251



23, 39.926, 128.799

Inverse Universe

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



92, 15.585, 311.991



91, 18.496, 312.083



93, 16.730, 326.894



49, 8.053, 311.923



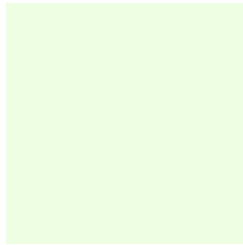
32, 98.996, 313.620



7, 44.763, 314.867

Previews

White Background



This preview shows how the CIE LCh color 98, 15.377, 131.061 looks on a white background.

Color Contrast Check

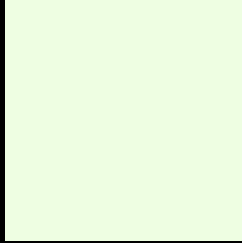
Large Text (above 18pt) WCAG AA × Fail

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, 15.377, 131.061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

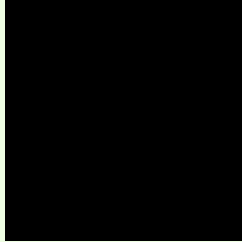
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

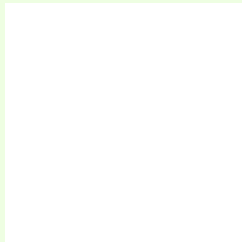
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 15.377, 131.061

Background



This preview shows how black text looks on a background with the CIELCh color 98, 15.377, 131.061.

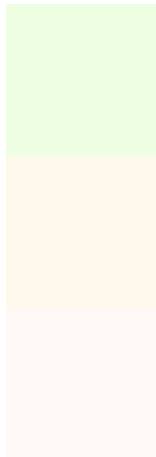


This preview shows how white text looks on a background with the CIELCh color 98, 15.377, 131.061.

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, 15.389, 131.059

Protanopia

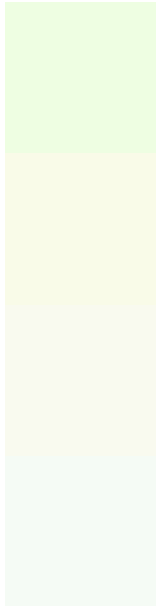
98, 7.419, 92.702

Deuteranopia

98, 2.666, 41.733

Tritanopia
98, 3.084, 283.981

Trichromacy



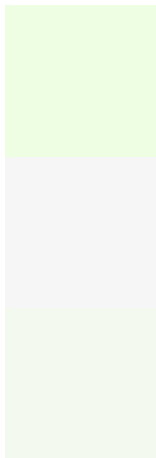
Original Color
98, 15.389, 131.059

Protanomaly
98, 9.682, 113.701

Deuteranomaly
98, 5.603, 113.384

Tritanomaly
98, 3.726, 144.390

Monochromacy



Original Color
98, 15.389, 131.059

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 5.538, 132.349

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 15.377, 131.061 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, 254, 226)` looks like.

```
.text, #text, p{  
    color:rgb(238, 254, 226)  
}
```

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, 254, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 254, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 15.377, 131.061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

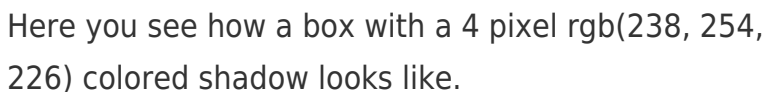
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 254, 226) }
```

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

```
.border{ border-color:rgb(238, 254, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 254, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 254, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 254, 226);  
box-shadow:4px 4px 4px 4px rgb(238, 254,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 15.377, 131.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 254, 226) }
```

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

```
.background{ background-color: rgb(238,  
254, 226) }
```

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