

Converting Colors

CIELCh(98, 14.552, 131.843)

Have a look what the booklet for
CIELCh(98, 14.552, 131.843)
contains.

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Color

CIElCh(98, 14.306, 131.282)

Conversions

Conversions Part 1

Format	Color
Hex	EFFEE4
RGB	239, 254, 228
RGB Percent	94%, 100%, 89%
CMY	0.0624, 0.0035, 0.1055
CMYK	0.06, 0.00, 0.10, 0.00
HSL	95°, 94%, 95%
HSV	95°, 10%, 100%
XYZ	85.1156, 94.9163, 87.3002
YIQ	246.5510, -0.5940, -11.2660

Conversions

Conversions Part 2

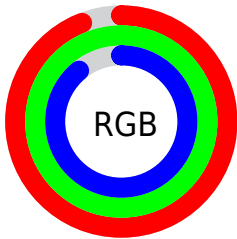
Format	Color
R_{YB}	228, 254, 243
Decimal	15728356
CIE _{Lab}	98.00, -9.44, 10.75
CIE _{LCh}	98, 14.306, 131.282
Yxy	94.9163, 0.3184, 0.3550
Android (android.graphics.Color)	4293918436 (0xFFEFFEE4)
YUV	246.5510, -9.1456, -6.6222
Hunter-Lab	97.4250, -14.5467, 15.0691

Details

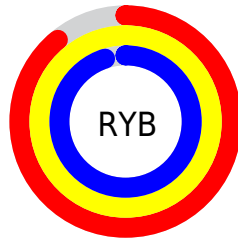
The CIELCh color **98, 14.306, 131.282** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **92, 14.486, 312.139**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 13.883, 131.417** is the 20% darker color. If you saturate the color by 10%, you get **96, 28.335, 130.813**, and if you desaturate by 10%, it is **100, 0.316, 132.246**.

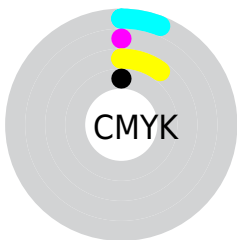
Distribution



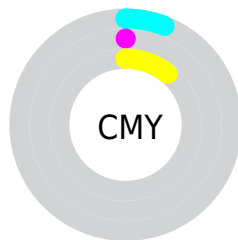
- Red (94%)
- Green (100%)
- Blue (89%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 14.306, 131.282 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, 14.306, 131.282 by changing the saturation by 10% instead.

 98, 14.306,
131.282

 98, 14.306,
131.282

 100, 14.306,
131.282


 88, 14.306,
131.282


 78, 14.306,
131.282

 68, 14.306,
131.282

 58, 14.306,
131.282

 48, 14.306,
131.282

 38, 14.306,
131.282

 28, 14.306,

131.282

■ 18, 14.306,
131.282

■ 8, 14.306, 131.282

■ 98, 14.306,
131.282

■ 98, 14.306,
131.282

■ 96, 28.335,
130.813

■ 100, 0.316,
132.246

■ 95, 42.274,
130.320

■ 100, 0.569,
323.917

■ 94, 55.952,
129.825

■ 93, 69.122,
129.367

■ 92, 81.428,
129.010

■ 91, 92.381,
128.852

■ 90, 101.378,
129.021

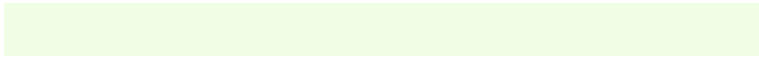
■ 89, 107.863,
129.642

■ 89, 111.796,
130.666

Harmonies

Complementary

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



98, 14.306, 131.282



92, 14.486, 312.139

Rectangle

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



98, 14.306, 131.282



98, 14.306, 181.282



98, 14.306, 311.282



98, 14.306, 1.282

Sweetspot

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



98, 14.308, 131.285



99, 4.189, 131.629



96, 8.547, 80.927



53, 3.178, 131.586



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

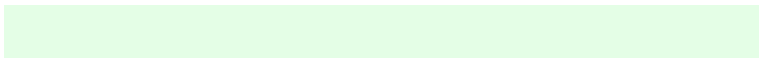
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 14.308, 131.285



98, 16.834, 131.203



97, 15.514, 145.679



52, 7.970, 131.318



69, 90.026, 130.400



23, 39.988, 128.960

Inverse Universe

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



92, 14.486, 312.139



92, 17.072, 312.220



93, 15.541, 326.848



49, 8.063, 312.106



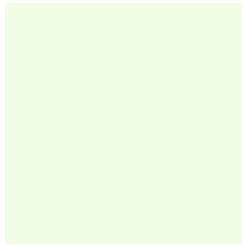
32, 98.881, 313.764



7, 44.746, 315.021

Previews

White Background



This preview shows how the CIE LCh color 98, 14.306, 131.282 looks on a white background.

Color Contrast Check

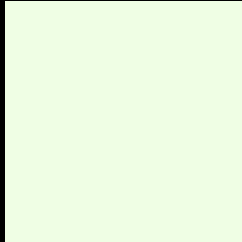
Large Text (above 18pt) WCAG AA × Fail

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, 14.306, 131.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

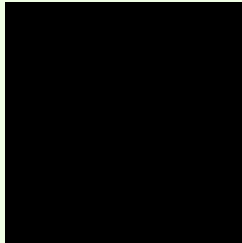
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

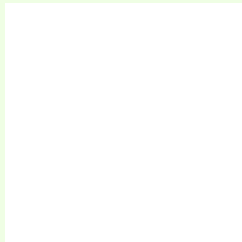
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 14.306, 131.282

Background



This preview shows how black text looks on a background with the CIELCh color 98, 14.306, 131.282.

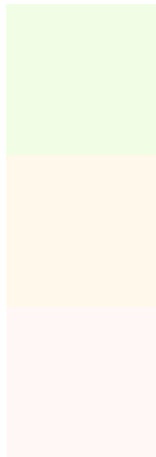


This preview shows how white text looks on a background with the CIELCh color 98, 14.306, 131.282.

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



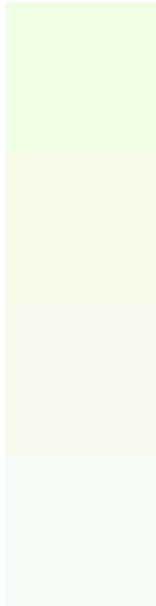
Original Color
98, 14.306, 131.282

Protanopia
98, 7.419, 92.702

Deuteranopia
98, 2.666, 41.733

Tritanopia
98, 3.084, 283.981

Trichromacy



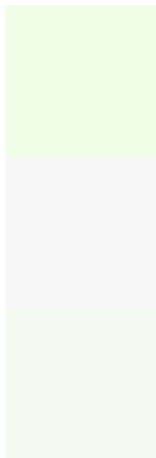
Original Color
98, 14.306, 131.282

Protanomaly
98, 9.682, 113.701

Deuteranomaly
98, 5.603, 113.384

Tritanomaly
98, 3.726, 144.390

Monochromacy



Original Color
98, 14.306, 131.282

Achromatopsia
97, 0.011, 296.813

Achromatomaly
98, 5.533, 132.350

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 14.306, 131.282 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, 254, 228)` looks like.

```
.text, #text, p{  
    color:rgb(239, 254, 228)  
}
```

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, 254, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 254, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 14.306, 131.282 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, 254, 228) }
```

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

```
.border{ border-color:rgb(239, 254, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 254, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 254, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 254, 228);  
box-shadow:4px 4px 4px 4px rgb(239, 254,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 14.306, 131.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 254, 228) }
```

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

```
.background{ background-color: rgb(239,  
254, 228) }
```

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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