

Converting Colors

CIELCh(98, 14.409, 150.630)

Have a look what the booklet for
CIELCh(98, 14.409, 150.630)
contains.

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Color

CIELCh(98, 13.786, 150.965)

Conversions

Conversions Part 1

Format	Color
Hex	E6FFEC
RGB	230, 255, 236
RGB Percent	90%, 100%, 93%
CMY	0.0986, 0.0000, 0.0751
CMYK	0.10, 0.00, 0.08, 0.00
HSL	134°, 100%, 95%
HSV	134°, 10%, 100%
XYZ	83.7377, 94.9163, 93.1485
YIQ	245.3590, -8.8010, -11.2090

Conversions

Conversions Part 2

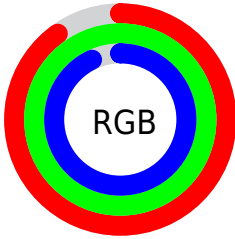
Format	Color
R _{YB}	230, 250, 255
Decimal	15138796
CIE Lab	98.00, -12.05, 6.69
CIE LCh	98, 13.786, 150.965
Yxy	94.9163, 0.3081, 0.3492
Android (android.graphics.Color)	4293328876 (0xFFE6FFEC)
YUV	245.3590, -4.6140, -13.4698
Hunter-Lab	97.4250, -17.0712, 11.5100

Details

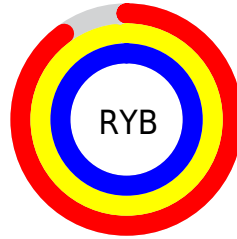
The CIELCh color **98, 13.786, 150.965** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **94, 13.308, 332.529**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 13.171, 151.534** is the 20% darker color. If you saturate the color by 10%, you get **96, 26.796, 150.478**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

Distribution



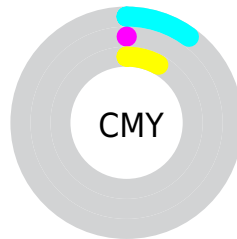
- Red (90%)
- Green (100%)
- Blue (93%)



- Red (90%)
- Yellow (98%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 13.786, 150.965 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, 13.786, 150.965 by changing the saturation by 10% instead.


 98, 13.786,
150.965


 98, 13.786,
150.965


 100, 13.786,
150.965


 88, 13.786,
150.965

 78, 13.786,
150.965

 68, 13.786,
150.965

 58, 13.786,
150.965

 48, 13.786,
150.965

 38, 13.786,
150.965

 28, 13.786,

150.965

■ 18, 13.786,
150.965

■ 8, 13.786, 150.965

■ 98, 13.786,
150.965

■ 98, 13.786,
150.965

■ 96, 26.796,
150.478

100, 0.012,
296.813

■ 94, 40.253,
149.566

■ 92, 53.408,
148.511

■ 91, 66.005,
147.294

■ 90, 77.760,
145.903

■ 89, 88.385,
144.338

■ 89, 97.618,
142.628

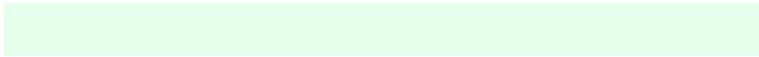
■ 88, 105.249,
140.838

■ 88, 111.191,
139.109

Harmonies

Complementary

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



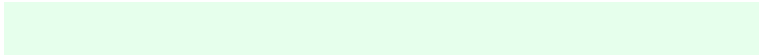
98, 13.786, 150.965



94, 13.308, 332.529

Rectangle

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



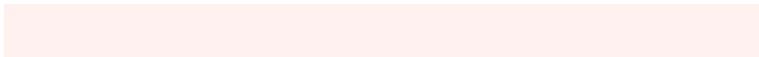
98, 13.786, 150.965



98, 13.786, 200.965



98, 13.786, 330.965



98, 13.786, 20.965

Sweetspot

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



98, 13.257, 151.276



99, 4.008, 151.818



99, 12.931, 118.641



53, 3.042, 151.745



0, 0.000, 0.000



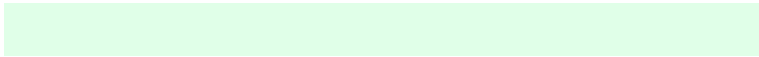
53, 0.007, 296.813

Same Dimension

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



98, 13.257, 151.276



97, 16.147, 151.113



98, 9.378, 177.457



52, 7.640, 151.303



68, 88.946, 139.406



23, 38.487, 142.052

Inverse Universe

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



94, 13.308, 332.529



92, 16.214, 332.677



93, 9.683, 359.206



50, 7.669, 332.504



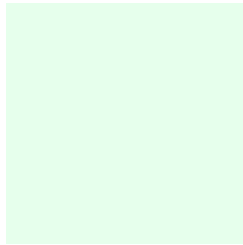
43, 77.468, 340.641



11, 36.387, 338.800

Previews

White Background



This preview shows how the CIE LCh color 98, 13.786, 150.965 looks on a white background.

Color Contrast Check

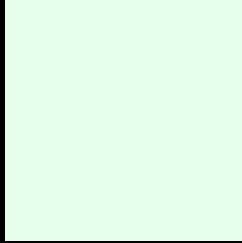
Large Text (above 18pt) WCAG AA × Fail

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, 13.786, 150.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

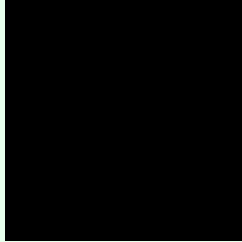
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

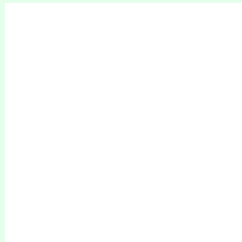
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 13.786, 150.965

Background



This preview shows how black text looks on a background with the CIELCh color 98, 13.786, 150.965.

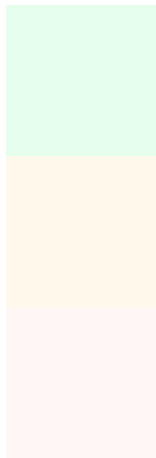


This preview shows how white text looks on a background with the CIELCh color 98, 13.786, 150.965.

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, 13.163, 151.330

Protanopia
98, 7.057, 88.741

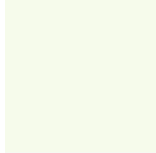
Deuteranopia
98, 3.185, 19.412

Tritanopia
98, 3.347, 266.028

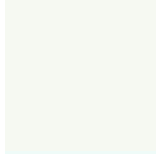
Trichromacy



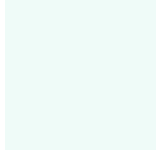
Original Color
98, 13.163, 151.330



Protanomaly
98, 8.341, 121.922



Deuteranomaly
98, 3.724, 126.433

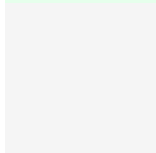


Tritanomaly
98, 4.466, 179.212

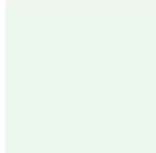
Monochromacy



Original Color
98, 13.163, 151.330



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 5.039, 154.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 13.786, 150.965 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(230, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 236)  
}
```

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(230, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 13.786, 150.965 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(230, 255, 236) }
```

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

```
.border{ border-color:rgb(230, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 13.786, 150.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 236) }
```

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

```
.background{ background-color: rgb(230,  
255, 236) }
```

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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