

Converting Colors

CIECh(98, 16.003, 144.001)

Have a look what the booklet for
CIELCh(98, 16.003, 144.001)
contains.

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Color

CIElCh(98, 15.177, 144.956)

Conversions

Conversions Part 1

Format	Color
Hex	E7FFE8
RGB	231, 255, 232
RGB Percent	91%, 100%, 91%
CMY	0.0944, 0.0000, 0.0905
CMYK	0.09, 0.00, 0.09, 0.00
HSL	122°, 100%, 95%
HSV	122°, 9%, 100%
XYZ	83.5428, 94.9163, 90.2015
YIQ	245.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

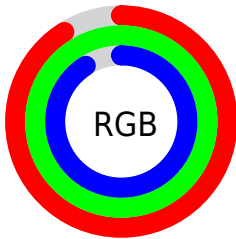
Format	Color
R _Y B	231, 254, 255
Decimal	15204328
CIE Lab	98.00, -12.43, 8.71
CIE LCh	98, 15.177, 144.956
Yxy	94.9163, 0.3110, 0.3533
Android (android.graphics.Color)	4293394408 (0xFFE7FFE8)
YUV	245.2020, -6.5086, -12.4552
Hunter-Lab	97.4250, -17.4283, 13.3035

Details

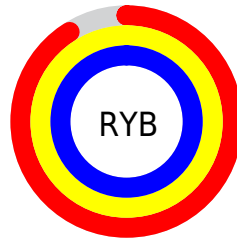
The CIELCh color **98, 15.177, 144.956** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **94, 14.623, 326.080**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 14.625, 144.940** is the 20% darker color. If you saturate the color by 10%, you get **96, 30.199, 144.303**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

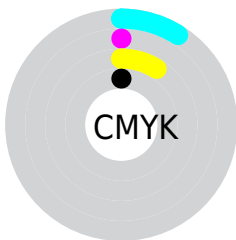
Distribution



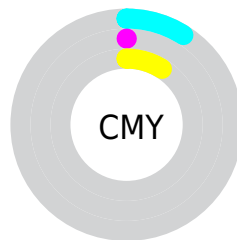
- Red (91%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 15.177, 144.956 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, 15.177, 144.956 by changing the saturation by 10% instead.


 98, 15.177,
144.956


 98, 15.177,
144.956


 100, 15.177,
144.956


 88, 15.177,
144.956


 78, 15.177,
144.956

 68, 15.177,
144.956

 58, 15.177,
144.956

 48, 15.177,
144.956

 38, 15.177,
144.956

 28, 15.177,

144.956

■ 18, 15.177,
144.956

■ 8, 15.177, 144.956

■ 98, 15.177,
144.956

■ 98, 15.177,
144.956

■ 96, 30.199,
144.303

100, 0.012,
296.813

■ 94, 45.719,
143.470

■ 92, 60.868,
142.507

■ 91, 75.276,
141.415

■ 90, 88.493,
140.219

■ 89, 99.994,
138.982

■ 88, 109.207,
137.812

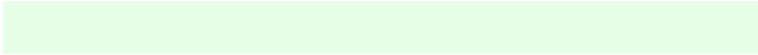
■ 88, 115.611,
136.853

■ 88, 119.009,
136.256

Harmonies

Complementary

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



98, 15.177, 144.956



94, 14.623, 326.080

Rectangle

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



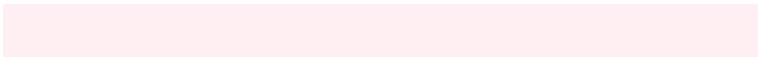
98, 15.177, 144.956



98, 15.177, 194.956



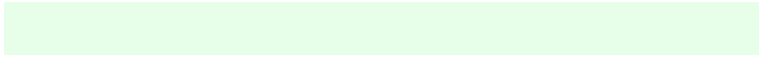
98, 15.177, 324.956



98, 15.177, 14.956

Sweetspot

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



98, 14.599, 145.022



99, 4.609, 145.468



99, 12.193, 110.620



53, 3.498, 145.406



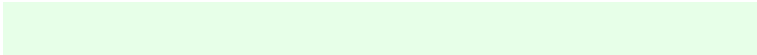
0, 0.000, 0.000



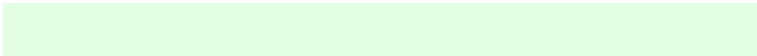
53, 0.007, 296.813

Same Dimension

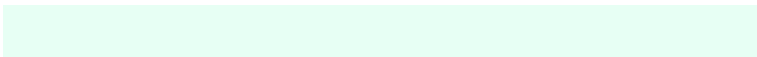
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 14.599, 145.022



97, 17.025, 144.916



98, 10.218, 164.717



52, 8.791, 145.018



68, 95.722, 136.338



22, 42.912, 137.561

Inverse Universe

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



94, 14.623, 326.080



93, 17.050, 326.171



94, 10.369, 346.261



50, 8.805, 326.083



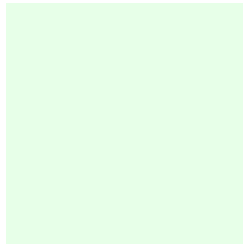
45, 90.096, 329.958



12, 41.612, 329.742

Previews

White Background



This preview shows how the CIE LCh color 98, 15.177, 144.956 looks on a white background.

Color Contrast Check

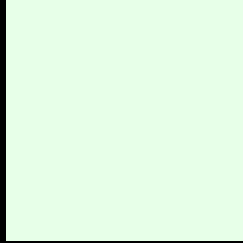
Large Text (above 18pt) WCAG AA × Fail

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, 15.177, 144.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

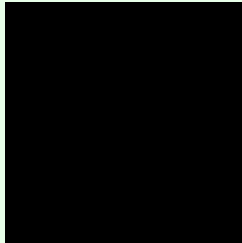
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

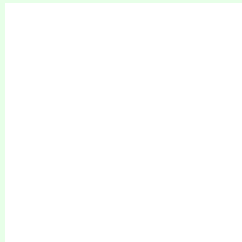
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 15.177, 144.956

Background



This preview shows how black text looks on a background with the CIELCh color 98, 15.177, 144.956.

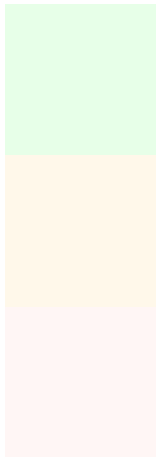


This preview shows how white text looks on a background with the CIELCh color 98, 15.177, 144.956.

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



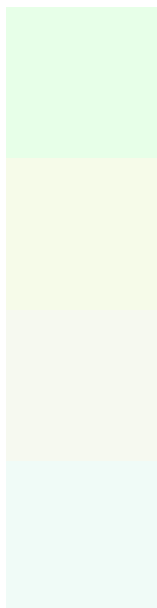
Original Color
98, 14.550, 145.028

Protanopia
98, 7.536, 90.058

Deuteranopia
98, 3.225, 28.493

Tritanopia
98, 3.347, 266.028

Trichromacy



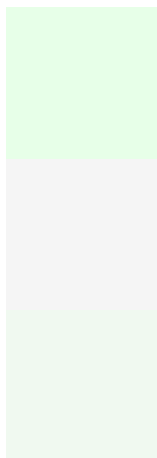
Original Color
98, 14.550, 145.028

Protanomaly
98, 9.337, 120.544

Deuteranomaly
97, 4.709, 122.869

Tritanomaly
98, 4.368, 171.433

Monochromacy



Original Color
98, 14.550, 145.028

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 5.609, 144.291

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 15.177, 144.956 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(231, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 232)  
}
```

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(231, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 15.177, 144.956 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(231, 255, 232) }
```

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

```
.border{ border-color:rgb(231, 255, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 15.177, 144.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 232) }
```

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

```
.background{ background-color: rgb(231,  
255, 232) }
```

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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