

Converting Colors

CIELCh(98, 13.745, 145.540)

Have a look what the booklet for
CIELCh(98, 13.745, 145.540)
contains.

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Color

CIELCh(98, 13.508, 146.353)

Conversions

Conversions Part 1

Format	Color
Hex	E8FFEA
RGB	232, 255, 234
RGB Percent	91%, 100%, 92%
CMY	0.0888, 0.0000, 0.0810
CMYK	0.09, 0.00, 0.08, 0.00
HSL	125°, 100%, 96%
HSV	125°, 9%, 100%
XYZ	84.1621, 94.9163, 91.9855
YIQ	245.7290, -6.9670, -11.4070

Conversions

Conversions Part 2

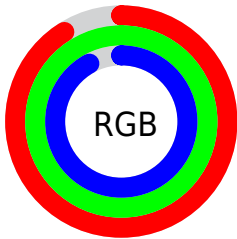
Format	Color
R_{YB}	232, 253, 255
Decimal	15269866
CIE _{Lab}	98.00, -11.24, 7.48
CIE _{LCh}	98, 13.508, 146.353
Yxy	94.9163, 0.3105, 0.3502
Android (android.graphics.Color)	4293459946 (0xFFE8FFE8)
YUV	245.7290, -5.7824, -12.0403
Hunter-Lab	97.4250, -16.2936, 12.2178

Details

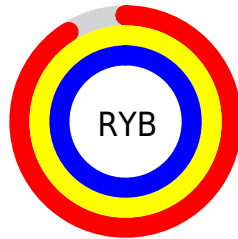
The CIELCh color **98, 13.508, 146.353** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 13.318, 327.409**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 13.531, 146.336** is the 20% darker color. If you saturate the color by 10%, you get **96, 28.390, 145.675**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

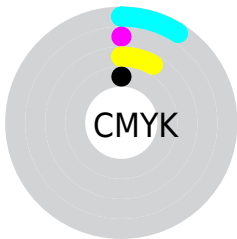
Distribution



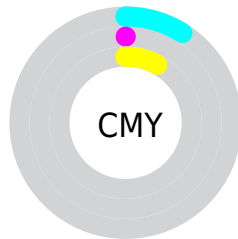
- Red (91%)
- Green (100%)
- Blue (92%)



- Red (91%)
- Yellow (99%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 13.508, 146.353 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, 13.508, 146.353 by changing the saturation by 10% instead.


 98, 13.508,
146.353


 98, 13.508,
146.353


 100, 13.508,
146.353


 88, 13.508,
146.353


 78, 13.508,
146.353

 68, 13.508,
146.353

 58, 13.508,
146.353

 48, 13.508,
146.353

 38, 13.508,
146.353

 28, 13.508,

146.353

■ 18, 13.508,
146.353

■ 8, 13.508, 146.353

■ 98, 13.508,
146.353

■ 98, 13.508,
146.353

■ 96, 28.390,
145.675

100, 0.012,
296.813

■ 94, 43.429,
144.836

■ 92, 58.144,
143.862

■ 91, 72.204,
142.748

■ 90, 85.214,
141.504

■ 89, 96.726,
140.171

■ 88, 106.263,
138.830

■ 88, 113.368,
137.608

■ 88, 117.770,
136.663

Harmonies

Complementary

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



98, 13.508, 146.353



94, 13.318, 327.409

Rectangle

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



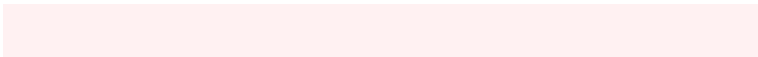
98, 13.508, 146.353



98, 13.508, 196.353



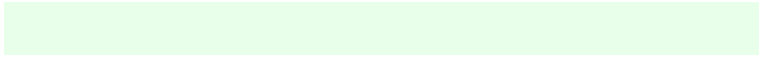
98, 13.508, 326.353



98, 13.508, 16.353

Sweetspot

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



98, 13.292, 146.402



99, 4.462, 146.821



99, 11.495, 112.706



53, 3.386, 146.757



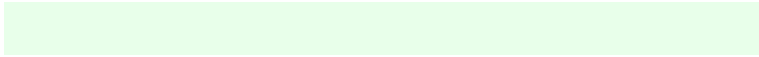
0, 0.000, 0.000



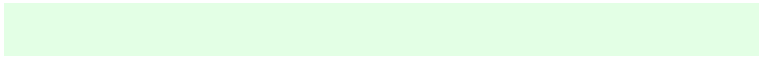
53, 0.007, 296.813

Same Dimension

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



98, 13.292, 146.402



97, 16.480, 146.256



98, 9.284, 167.663



52, 8.509, 146.359



68, 94.765, 136.752



22, 41.893, 138.489

Inverse Universe

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



94, 13.318, 327.409



93, 16.510, 327.537



94, 9.444, 349.149



50, 8.526, 327.447



44, 86.838, 332.102



12, 40.284, 331.596

Previews

White Background



This preview shows how the CIELCh color 98, 13.508, 146.353 looks on a white background.

Color Contrast Check

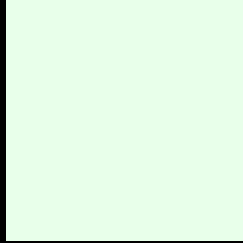
Large Text (above 18pt) WCAG AA × Fail

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, 13.508, 146.353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

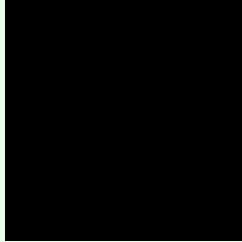
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

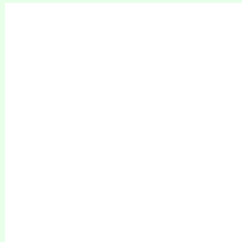
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 13.508, 146.353

Background



This preview shows how black text looks on a background with the CIELCh color 98, 13.508, 146.353.

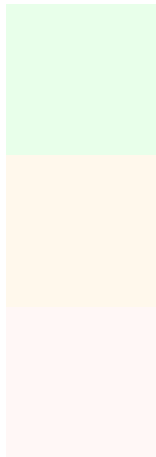


This preview shows how white text looks on a background with the CIELCh color 98, 13.508, 146.353.

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, 13.508, 146.353

Protanopia
98, 6.582, 87.227

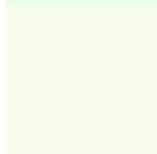
Deuteranopia
98, 2.870, 29.570

Tritanopia
98, 3.225, 271.658

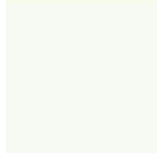
Trichromacy



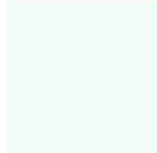
Original Color
98, 13.508, 146.353



Protanomaly
98, 8.267, 119.518

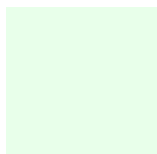


Deuteranomaly
98, 4.211, 124.448

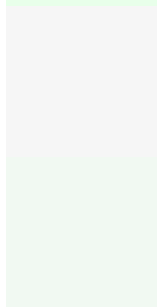


Tritanomaly
98, 4.064, 169.191

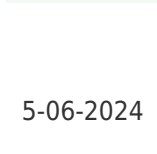
Monochromacy



Original Color
98, 13.508, 146.353



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 4.569, 147.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 13.508, 146.353 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(232, 255, 234)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 234)  
}
```

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(232, 255, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 13.508, 146.353 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(232, 255, 234) }
```

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

```
.border{ border-color:rgb(232, 255, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 255, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 234);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 13.508, 146.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 234) }
```

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

```
.background{ background-color: rgb(232,  
255, 234) }
```

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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