

Converting Colors

CIELCh(98, 15.347, 145.350)

Have a look what the booklet for
CIELCh(98, 15.347, 145.350)
contains.

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Color

CIELCh(98, 14.762, 146.094)

Conversions

Conversions Part 1

Format	Color
Hex	E7FFE9
RGB	231, 255, 233
RGB Percent	91%, 100%, 91%
CMY	0.0947, 0.0000, 0.0868
CMYK	0.09, 0.00, 0.09, 0.00
HSL	125°, 100%, 95%
HSV	125°, 9%, 100%
XYZ	83.6338, 94.9163, 90.8947
YIQ	245.3160, -7.2420, -11.9300

Conversions

Conversions Part 2

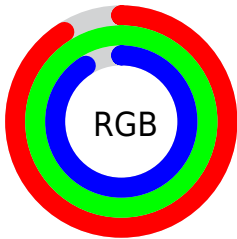
Format	Color
R_{YB}	231, 253, 255
Decimal	15204329
CIE _{Lab}	98.00, -12.25, 8.23
CIE _{LCh}	98, 14.762, 146.094
Yxy	94.9163, 0.3104, 0.3523
Android (android.graphics.Color)	4293394409 (0xFFE7FFE9)
YUV	245.3160, -6.0718, -12.5551
Hunter-Lab	97.4250, -17.2616, 12.8816

Details

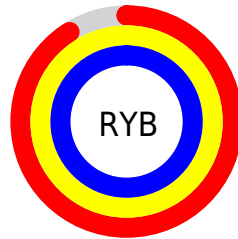
The CIELCh color **98, 14.762, 146.094** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **94, 14.252, 327.280**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 14.189, 146.185** is the 20% darker color. If you saturate the color by 10%, you get **96, 29.384, 145.470**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

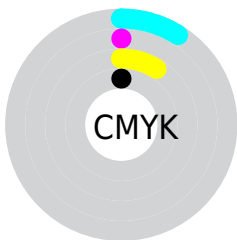
Distribution



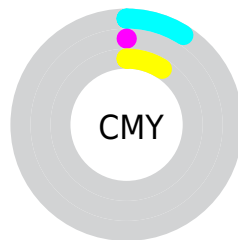
- Red (91%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (99%)
- 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, 14.762, 146.094 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, 14.762, 146.094 by changing the saturation by 10% instead.


 98, 14.762,
146.094

 98, 14.762,
146.094

 100, 14.762,
146.094


 88, 14.762,
146.094


 78, 14.762,
146.094

 68, 14.762,
146.094

 58, 14.762,
146.094

 48, 14.762,
146.094

 38, 14.762,
146.094

 28, 14.762,

146.094

■ 18, 14.762,
146.094

■ 8, 14.762, 146.094

■ 98, 14.762,
146.094

■ 98, 14.762,
146.094

■ 96, 29.384,
145.470

100, 0.012,
296.813

■ 94, 44.469,
144.625

■ 92, 59.210,
143.645

■ 91, 73.267,
142.526

■ 90, 86.237,
141.281

■ 89, 97.662,
139.956

■ 88, 107.052,
138.637

■ 88, 113.947,
137.453

■ 88, 118.103,
136.572

Harmonies

Complementary

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



98, 14.762, 146.094



94, 14.252, 327.280

Rectangle

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



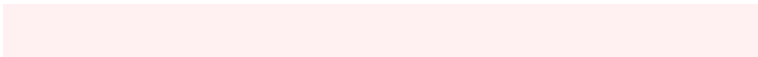
98, 14.762, 146.094



98, 14.762, 196.094



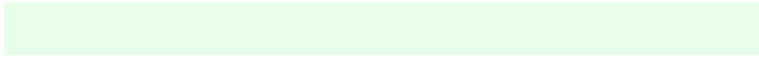
98, 14.762, 326.094



98, 14.762, 16.094

Sweetspot

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



98, 14.225, 146.200



99, 4.479, 146.658



99, 12.240, 111.978



53, 3.399, 146.594



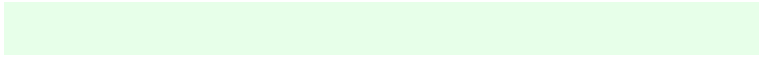
0, 0.000, 0.000



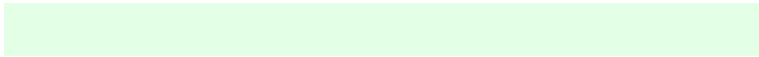
53, 0.007, 296.813

Same Dimension

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



98, 14.225, 146.200



97, 16.543, 146.094



98, 10.008, 166.620



52, 8.542, 146.198



68, 94.898, 136.694



22, 42.012, 138.378

Inverse Universe

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



94, 14.252, 327.280



93, 16.572, 327.372



94, 10.178, 348.205



50, 8.558, 327.282



45, 87.213, 331.840



12, 40.438, 331.370

Previews

White Background



This preview shows how the CIE LCh color 98, 14.762, 146.094 looks on a white background.

Color Contrast Check

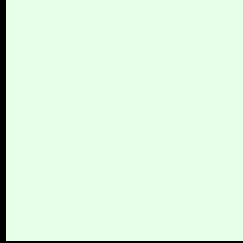
Large Text (above 18pt) WCAG AA × Fail

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, 14.762, 146.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

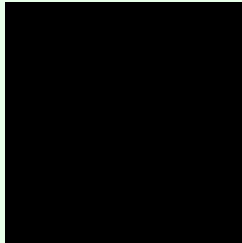
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

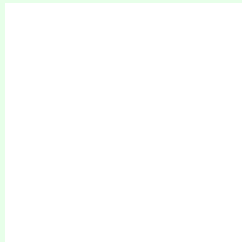
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 14.762, 146.094

Background



This preview shows how black text looks on a background with the CIELCh color 98, 14.762, 146.094.

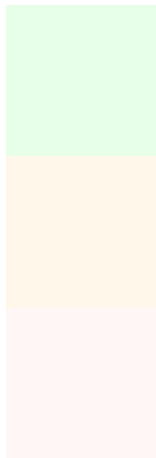


This preview shows how white text looks on a background with the CIELCh color 98, 14.762, 146.094.

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, 14.135, 146.219

Protanopia

98, 7.536, 90.058

Deuteranopia

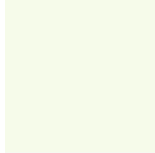
98, 3.185, 19.412

Tritanopia
98, 3.347, 266.028

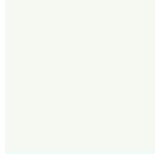
Trichromacy



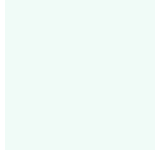
Original Color
98, 14.135, 146.219



Protanomaly
98, 8.838, 121.196



Deuteranomaly
98, 4.215, 124.447

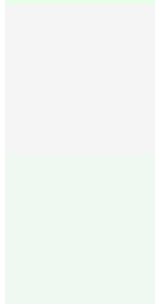


Tritanomaly
98, 4.368, 171.433

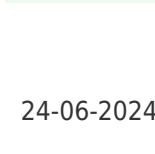
Monochromacy



Original Color
98, 14.135, 146.219



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 5.194, 147.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 14.762, 146.094 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 14.762, 146.094 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, 233) }
```

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

```
.border{ border-color:rgb(231, 255, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 233);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 14.762, 146.094 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, 233) }
```

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

```
.background{ background-color: rgb(231,  
255, 233) }
```

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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