

Converting Colors

CIECh(98, 12.419, 142.106)

Have a look what the booklet for
CIELCh(98, 12.419, 142.106)
contains.

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Color

CIElCh(98, 12.690, 141.442)

Conversions

Conversions Part 1

Format	Color
Hex	ECFFEA
RGB	236, 255, 234
RGB Percent	93%, 100%, 92%
CMY	0.0762, 0.0017, 0.0840
CMYK	0.07, 0.00, 0.08, 0.00
HSL	114°, 96%, 96%
HSV	114°, 8%, 100%
XYZ	84.8591, 94.9163, 91.3661
YIQ	246.9250, -4.5830, -10.5590

Conversions

Conversions Part 2

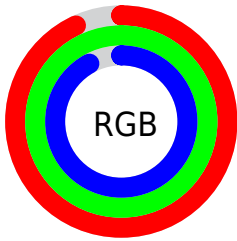
Format	Color
R _Y B	234, 255, 253
Decimal	15532010
CIE Lab	98.00, -9.92, 7.91
CIE LCh	98, 12.690, 141.442
Yxy	94.9163, 0.3130, 0.3501
Android (android.graphics.Color)	4293722090 (0xFFE0FFEA)
YUV	246.9250, -6.3720, -9.5812
Hunter-Lab	97.4250, -15.0167, 12.5947

Details

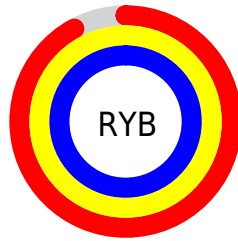
The CIELCh color **98, 12.690, 141.442** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 12.733, 322.233**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 12.670, 141.211** is the 20% darker color. If you saturate the color by 10%, you get **96, 28.221, 140.832**, and if you desaturate by 10%, it is **100, 0.278, 323.336**.

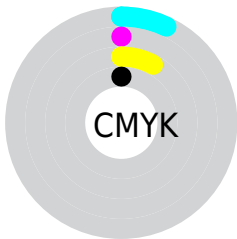
Distribution



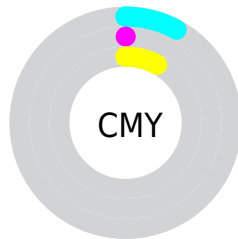
- Red (93%)
- Green (100%)
- Blue (92%)



- Red (92%)
- Yellow (100%)
- Blue (99%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 12.690, 141.442 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, 12.690, 141.442 by changing the saturation by 10% instead.

 98, 12.690,
141.442

 98, 12.690,
141.442

 100, 12.690,
141.442

 88, 12.690,
141.442


 78, 12.690,
141.442

 68, 12.690,
141.442

 58, 12.690,
141.442

 48, 12.690,
141.442

 38, 12.690,
141.442

 28, 12.690,

141.442

■ 18, 12.690,
141.442

■ 8, 12.690, 141.442

■ 98, 12.690,
141.442

■ 98, 12.690,
141.442

■ 96, 28.221,
140.832

100, 0.278,
323.336

■ 94, 43.713,
140.137

■ 93, 58.915,
139.352

■ 91, 73.488,
138.493

■ 90, 86.991,
137.599

■ 89, 98.863,
136.752

■ 88, 108.445,
136.074

■ 88, 115.113,
135.701

■ 88, 118.655,
135.688

Harmonies

Complementary

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



98, 12.690, 141.442



95, 12.733, 322.233

Rectangle

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



98, 12.690, 141.442



98, 12.690, 191.442



98, 12.690, 321.442



98, 12.690, 11.442

Sweetspot

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



98, 12.692, 141.443



100, 3.060, 141.843



99, 9.606, 104.927



53, 1.739, 141.853



0, 0.000, 0.000



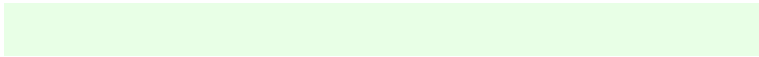
53, 0.007, 296.813

Same Dimension

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



98, 12.692, 141.443



98, 15.428, 141.341



98, 9.819, 158.042



52, 8.768, 141.370



68, 95.920, 135.596



23, 43.058, 135.463

Inverse Universe

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



95, 12.733, 322.233



94, 15.478, 322.324



95, 9.893, 339.214



50, 8.797, 322.299



42, 93.669, 324.530



11, 43.048, 324.966

Previews

White Background



This preview shows how the CIE LCh color 98, 12.690, 141.442 looks on a white background.

Color Contrast Check

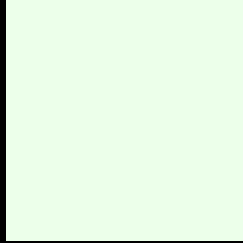
Large Text (above 18pt) WCAG AA × Fail

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, 12.690, 141.442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

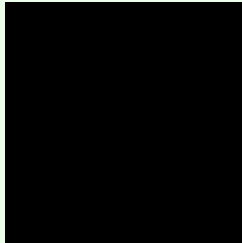
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

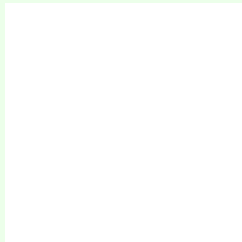
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 12.690, 141.442

Background



This preview shows how black text looks on a background with the CIELCh color 98, 12.690, 141.442.

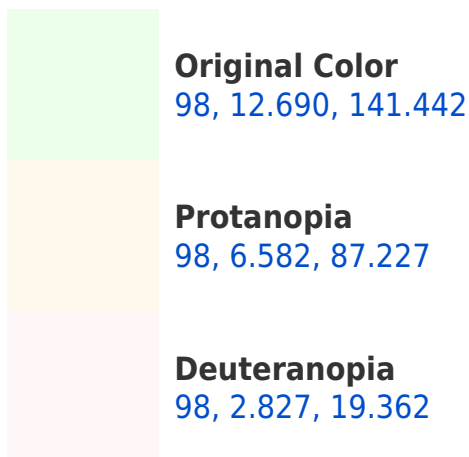


This preview shows how white text looks on a background with the CIELCh color 98, 12.690, 141.442.

Color Blindness Simulation

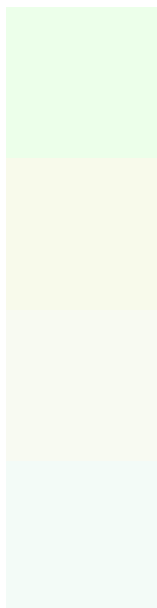
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Tritanopia
98, 3.137, 277.676

Trichromacy



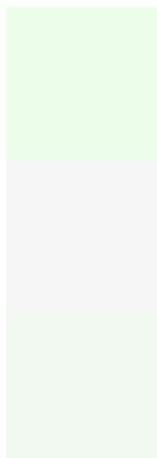
Original Color
98, 12.690, 141.442

Protanomaly
98, 7.664, 114.949

Deuteranomaly
98, 4.132, 119.720

Tritanomaly
98, 3.479, 163.527

Monochromacy



Original Color
98, 12.690, 141.442

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 4.788, 140.906

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 12.690, 141.442 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(236, 255, 234)` looks like.

```
.text, #text, p{  
    color:rgb(236, 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(236, 255, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 255, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 12.690, 141.442 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(236, 255, 234) }
```

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

```
.border{ border-color:rgb(236, 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(236, 255, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 255, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 255, 234);  
box-shadow:4px 4px 4px 4px rgb(236, 255,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 12.690, 141.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 255, 234) }
```

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

```
.background{ background-color: rgb(236,  
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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