

Converting Colors

CIELCh(98, 11.058, 153.099)

Have a look what the booklet for
CIELCh(98, 11.058, 153.099)
contains.

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Color

CIElCh(98, 11.301, 152.646)

Conversions

Conversions Part 1

Format	Color
Hex	E9FFEF
RGB	233, 255, 239
RGB Percent	91%, 100%, 94%
CMY	0.0870, 0.0007, 0.0635
CMYK	0.09, 0.00, 0.06, 0.00
HSL	136°, 98%, 96%
HSV	136°, 9%, 100%
XYZ	84.7988, 94.9163, 95.3712
YIQ	246.5980, -7.9760, -9.6400

Conversions

Conversions Part 2

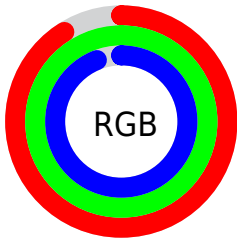
Format	Color
R _{YB}	233, 250, 255
Decimal	15335407
CIE _{Lab}	98.00, -10.04, 5.19
CIE _{LCh}	98, 11.301, 152.646
Yxy	94.9163, 0.3083, 0.3450
Android (android.graphics.Color)	4293525487 (0xFFE9FFEF)
YUV	246.5980, -3.7458, -11.9254
Hunter-Lab	97.4250, -15.1272, 10.1574

Details

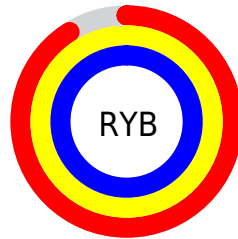
The CIELCh color **98, 11.301, 152.646** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 11.353, 333.749**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 11.217, 153.006** is the 20% darker color. If you saturate the color by 10%, you get **96, 24.490, 151.839**, and if you desaturate by 10%, it is **100, 0.121, 321.894**.

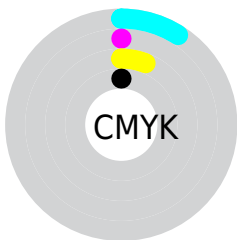
Distribution



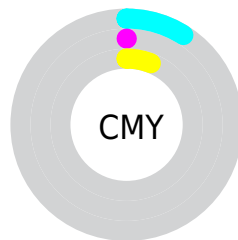
- Red (91%)
- Green (100%)
- Blue (94%)



- Red (91%)
- Yellow (98%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 11.301, 152.646 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, 11.301, 152.646 by changing the saturation by 10% instead.

 98, 11.301,
152.646


 98, 11.301,
152.646

 100, 11.301,
152.646


 88, 11.301,
152.646


 78, 11.301,
152.646

 68, 11.301,
152.646

 58, 11.301,
152.646

 48, 11.301,
152.646

 38, 11.301,
152.646

 28, 11.301,

152.646

■ 18, 11.301,
152.646

■ 8, 11.301, 152.646

■ 98, 11.301,
152.646

■ 98, 11.301,
152.646

■ 96, 24.490,
151.839

100, 0.121,
321.894

■ 94, 37.611,
150.925

■ 93, 50.462,
149.873

■ 91, 62.802,
148.658

■ 90, 74.366,
147.265

■ 89, 84.890,
145.688

■ 89, 94.139,
143.941

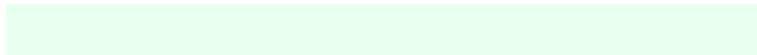
■ 88, 101.934,
142.073

■ 88, 108.197,
140.192

Harmonies

Complementary

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



98, 11.301, 152.646



94, 11.353, 333.749

Rectangle

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



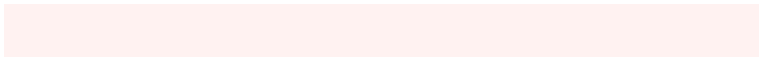
98, 11.301, 152.646



98, 11.301, 202.646



98, 11.301, 332.646



98, 11.301, 22.646

Sweetspot

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



98, 11.303, 152.644



99, 3.910, 153.108



99, 11.363, 120.023



53, 2.967, 153.032



0, 0.000, 0.000



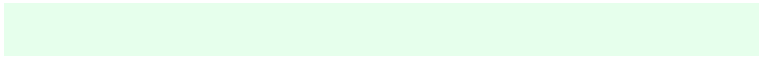
53, 0.007, 296.813

Same Dimension

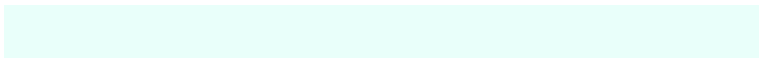
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 11.303, 152.644



98, 13.109, 152.538



98, 8.070, 180.027



52, 7.451, 152.577



68, 87.104, 140.300



23, 37.594, 143.088

Inverse Universe

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



94, 11.353, 333.749



94, 13.170, 333.848



94, 8.327, 1.496



50, 7.485, 333.812



43, 75.658, 342.966



11, 35.606, 340.726

Previews

White Background



This preview shows how the CIE LCh color 98, 11.301, 152.646 looks on a white background.

Color Contrast Check

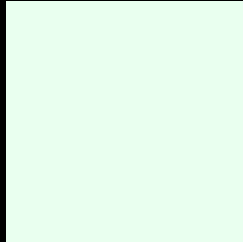
Large Text (above 18pt) WCAG AA × Fail

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, 11.301, 152.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

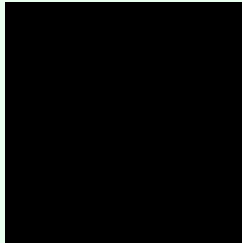
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

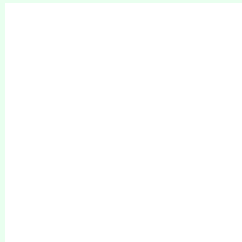
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 11.301, 152.646

Background



This preview shows how black text looks on a background with the CIELCh color 98, 11.301, 152.646.

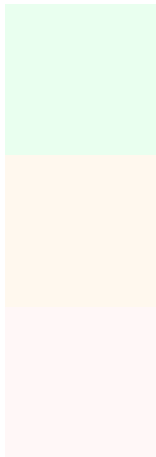


This preview shows how white text looks on a background with the CIELCh color 98, 11.301, 152.646.

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



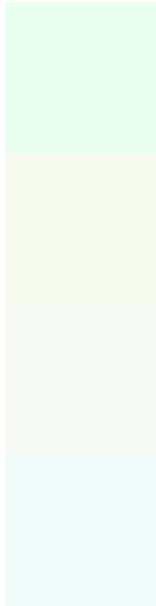
Original Color
98, 11.301, 152.646

Protanopia
98, 5.650, 83.422

Deuteranopia
98, 2.827, 19.362

Tritanopia
98, 3.225, 271.658

Trichromacy



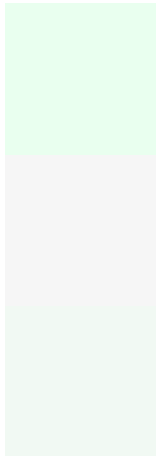
Original Color
98, 11.301, 152.646

Protanomaly
98, 6.203, 119.618

Deuteranomaly
98, 3.236, 129.007

Tritanomaly
98, 3.638, 183.062

Monochromacy



Original Color
98, 11.301, 152.646

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 4.177, 152.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 11.301, 152.646 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(233, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(233, 255, 239)  
}
```

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(233, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 255, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 11.301, 152.646 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(233, 255, 239) }
```

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

```
.border{ border-color:rgb(233, 255, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(233, 255,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 11.301, 152.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 255, 239) }
```

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

```
.background{ background-color: rgb(233,  
255, 239) }
```

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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