

Converting Colors

CIELCh(100, 14.410, 149.229)

Have a look what the booklet for
CIELCh(100, 14.410, 149.229)
contains.

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Color

CIElCh(98, 10.441, 151.847)

Conversions

Conversions Part 1

Format	Color
Hex	EAFEEF
RGB	234, 254, 239
RGB Percent	92%, 100%, 94%
CMY	0.0809, 0.0025, 0.0613
CMYK	0.08, 0.00, 0.06, 0.00
HSL	135°, 94%, 96%
HSV	135°, 8%, 100%
XYZ	85.2391, 94.9163, 95.7699
YIQ	246.3100, -7.1050, -8.9050

Conversions

Conversions Part 2

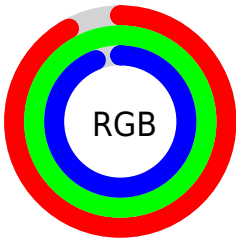
Format	Color
R_{YB}	234, 250, 254
Decimal	15400687
CIE _{Lab}	98.00, -9.21, 4.93
CIE _{LCh}	98, 10.441, 151.847
Yxy	94.9163, 0.3089, 0.3440
Android (android.graphics.Color)	4293590767 (0xFFEAFEEF)
YUV	246.3100, -3.6038, -10.7959
Hunter-Lab	97.4250, -14.3205, 9.9147

Details

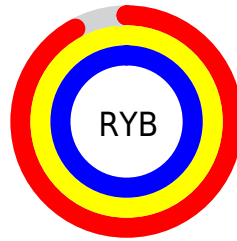
The CIELCh color **98, 10.441, 151.847** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 10.484, 332.816**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 10.323, 152.214** is the 20% darker color. If you saturate the color by 10%, you get **96, 23.835, 151.058**, and if you desaturate by 10%, it is **100, 0.407, 323.695**.

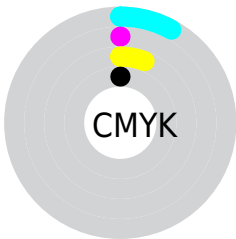
Distribution



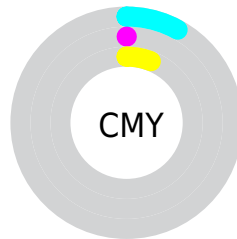
- Red (92%)
- Green (100%)
- Blue (94%)



- Red (92%)
- Yellow (98%)
- Blue (100%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 10.441, 151.847 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, 10.441, 151.847 by changing the saturation by 10% instead.


 98, 10.441,
151.847


 98, 10.441,
151.847


 100, 10.441,
151.847


 88, 10.441,
151.847


 78, 10.441,
151.847

 68, 10.441,
151.847

 58, 10.441,
151.847

 48, 10.441,
151.847

 38, 10.441,
151.847

 28, 10.441,

151.847

■ 18, 10.441,
151.847

■ 8, 10.441, 151.847

■ 98, 10.441,
151.847

■ 98, 10.441,
151.847

■ 96, 23.835,
151.058

100, 0.407,
323.695

■ 94, 37.181,
150.166

■ 92, 50.274,
149.137

■ 91, 62.868,
147.948

■ 90, 74.690,
146.584

■ 89, 85.460,
145.042

■ 88, 94.921,
143.340

■ 88, 102.861,
141.531

■ 88, 109.158,
139.719

Harmonies

Complementary

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



98, 10.441, 151.847



95, 10.484, 332.816

Rectangle

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



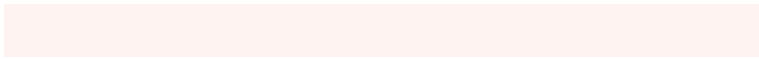
98, 10.441, 151.847



98, 10.441, 201.847



98, 10.441, 331.847



98, 10.441, 21.847

Sweetspot

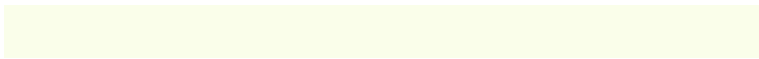
The Sweet Spot groups the original color and five complimentary colors.



98, 10.443, 151.845



100, 2.645, 152.356



99, 10.285, 118.772



53, 1.503, 152.370



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, 10.443, 151.845



98, 11.990, 151.759



98, 7.471, 177.663



52, 7.577, 151.720



68, 88.351, 139.692



23, 38.194, 142.388

Inverse Universe

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



95, 10.484, 332.816



94, 12.038, 332.897



95, 7.667, 358.986



50, 7.607, 332.932



43, 76.850, 341.398



11, 36.122, 339.429

Previews

White Background



This preview shows how the CIELCh color 98, 10.441, 151.847 looks on a white background.

Color Contrast Check

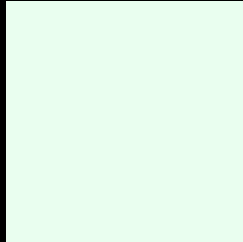
Large Text (above 18pt) WCAG AA × Fail

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, 10.441, 151.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

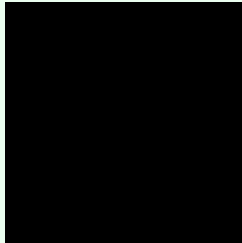
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

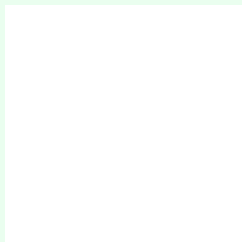
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 10.441, 151.847

Background



This preview shows how black text looks on a background with the CIELCh color 98, 10.441, 151.847.

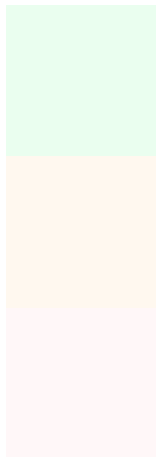


This preview shows how white text looks on a background with the CIELCh color 98, 10.441, 151.847.

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



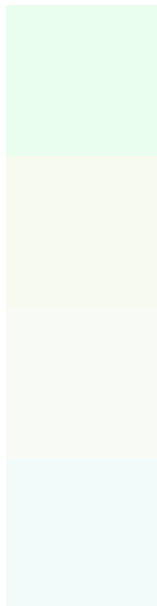
Original Color
98, 10.449, 151.845

Protanopia
98, 5.196, 81.002

Deuteranopia
98, 2.876, 9.172

Tritanopia
98, 3.225, 271.658

Trichromacy



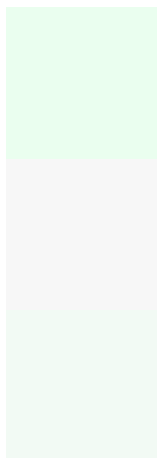
Original Color
98, 10.449, 151.845

Protanomaly
98, 5.702, 120.519

Deuteranomaly
98, 2.759, 132.466

Tritanomaly
98, 3.307, 181.428

Monochromacy



Original Color
98, 10.449, 151.845

Achromatopsia
97, 0.011, 296.813

Achromatomaly
98, 4.174, 152.222

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 10.441, 151.847 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(234, 254, 239)` looks like.

```
.text, #text, p{  
    color:rgb(234, 254, 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(234, 254, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 254, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 10.441, 151.847 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(234, 254, 239) }
```

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

```
.border{ border-color:rgb(234, 254, 239) }
```

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

Here you see how a box with a 4 pixel rgb(234, 254, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 254, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 254, 239);  
box-shadow:4px 4px 4px 4px rgb(234, 254,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 10.441, 151.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 254, 239) }
```

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

```
.background{ background-color: rgb(234,  
254, 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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