

Converting Colors

CIELCh(98, 10.370, 160.120)

Have a look what the booklet for
CIELCh(98, 10.370, 160.120)
contains.

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Color

CIElCh(98, 10.483, 159.621)

Conversions

Conversions Part 1

Format	Color
Hex	E8FFF2
RGB	232, 255, 242
RGB Percent	91%, 100%, 95%
CMY	0.0910, 0.0008, 0.0517
CMYK	0.09, 0.00, 0.05, 0.00
HSL	146°, 98%, 95%
HSV	146°, 9%, 100%
XYZ	84.9101, 94.9163, 97.6956
YIQ	246.6410, -9.5350, -8.9190

Conversions

Conversions Part 2

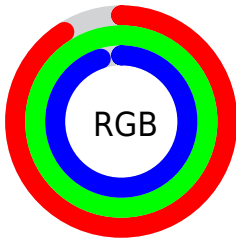
Format	Color
R _{YB}	232, 248, 255
Decimal	15269874
CIE Lab	98.00, -9.83, 3.65
CIE LCh	98, 10.483, 159.621
Yxy	94.9163, 0.3060, 0.3420
Android (android.graphics.Color)	4293459954 (0xFFE8FFF2)
YUV	246.6410, -2.2880, -12.8402
Hunter-Lab	97.4250, -14.9233, 8.7428

Details

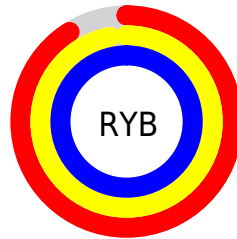
The CIELCh color **98, 10.483, 159.621** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 10.584, 340.964**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 10.369, 160.420** is the 20% darker color. If you saturate the color by 10%, you get **96, 22.121, 158.706**, and if you desaturate by 10%, it is **100, 0.129, 322.050**.

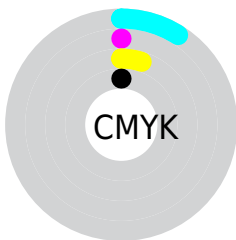
Distribution



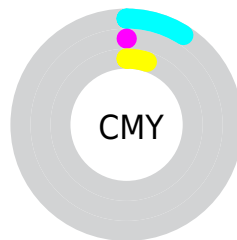
- Red (91%)
- Green (100%)
- Blue (95%)



- Red (91%)
- Yellow (97%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 10.483, 159.621 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, 10.483, 159.621 by changing the saturation by 10% instead.


 98, 10.483,
159.621


 98, 10.483,
159.621


 100, 10.483,
159.621


 88, 10.483,
159.621


 78, 10.483,
159.621

 68, 10.483,
159.621

 58, 10.483,
159.621

 48, 10.483,
159.621

 38, 10.483,
159.621

 28, 10.483,

159.621

■ 18, 10.483,
159.621

■ 8, 10.483, 159.621

■ 98, 10.483,
159.621

■ 98, 10.483,
159.621

■ 96, 22.121,
158.706

100, 0.129,
322.050

■ 94, 33.625,
157.697

■ 93, 44.819,
156.554

■ 92, 55.503,
155.252

■ 90, 65.469,
153.765

■ 90, 74.528,
152.074

■ 89, 82.542,
150.170

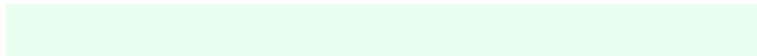
■ 89, 89.453,
148.065

■ 88, 95.338,
145.829

Harmonies

Complementary

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



98, 10.483, 159.621



94, 10.584, 340.964

Rectangle

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



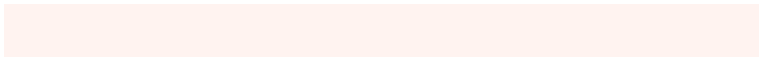
98, 10.483, 159.621



98, 10.483, 209.621



98, 10.483, 339.621



98, 10.483, 29.621

Sweetspot

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



98, 10.485, 159.617



99, 3.474, 160.194



99, 12.230, 126.287



53, 2.636, 160.103



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, 10.485, 159.617



98, 12.792, 159.442



98, 7.931, 193.314



52, 6.609, 159.575



68, 76.573, 146.038



23, 32.946, 149.219

Inverse Universe

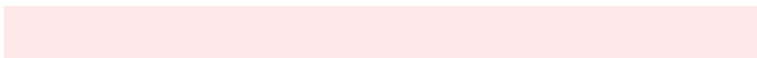
The Inverse Universe completely reimagines the original color for something new.



94, 10.584, 340.964



93, 12.931, 341.135



94, 8.341, 14.509



50, 6.673, 341.006



42, 69.396, 356.046



11, 32.632, 351.480

Previews

White Background



This preview shows how the CIE LCh color 98, 10.483, 159.621 looks on a white background.

Color Contrast Check

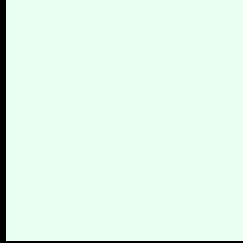
Large Text (above 18pt) WCAG AA × Fail

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, 10.483, 159.621 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

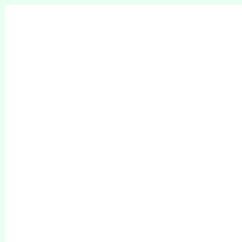
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 10.483, 159.621

Background



This preview shows how black text looks on a background with the CIELCh color 98, 10.483, 159.621.

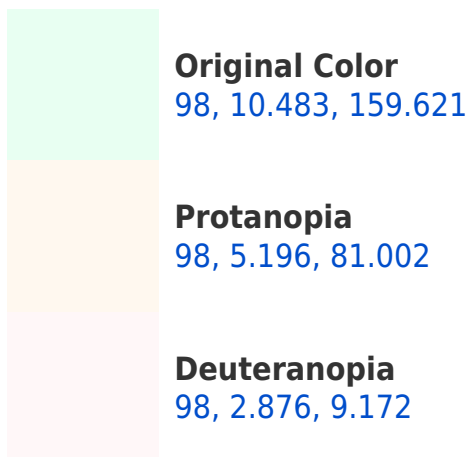


This preview shows how white text looks on a background with the CIELCh color 98, 10.483, 159.621.

Color Blindness Simulation

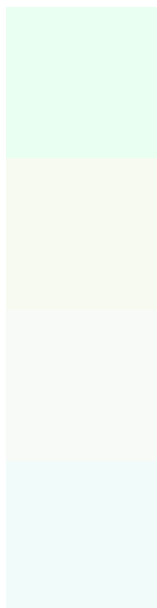
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Tritanopia
98, 3.225, 271.658

Trichromacy



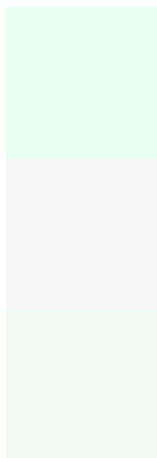
Original Color
98, 10.483, 159.621

Protanomaly
98, 5.203, 121.585

Deuteranomaly
98, 2.296, 137.327

Tritanomaly
98, 3.517, 191.020

Monochromacy



Original Color
98, 10.483, 159.621

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 3.812, 157.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 10.483, 159.621 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 10.483, 159.621 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, 242) }
```

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

```
.border{ border-color:rgb(232, 255, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 10.483, 159.621 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, 242) }
```

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

```
.background{ background-color: rgb(232,  
255, 242) }
```

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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