

Converting Colors

CIELCh(98, 10.637, 166.036)

Have a look what the booklet for
CIELCh(98, 10.637, 166.036)
contains.

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Color

CIELCh(98, 10.411, 166.199)

Conversions

Conversions Part 1

Format	Color
Hex	E6FFF4
RGB	230, 255, 244
RGB Percent	90%, 100%, 96%
CMY	0.0978, 0.0000, 0.0429
CMYK	0.10, 0.00, 0.04, 0.00
HSL	154°, 100%, 95%
HSV	154°, 10%, 100%
XYZ	84.7602, 94.9163, 99.4794
YIQ	246.2710, -11.3690, -8.7210

Conversions

Conversions Part 2

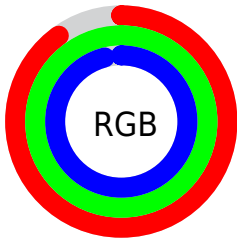
Format	Color
R_{YB}	230, 246, 255
Decimal	15138804
CIE _{Lab}	98.00, -10.11, 2.48
CIE _{LCh}	98, 10.411, 166.199
Yxy	94.9163, 0.3036, 0.3400
Android (android.graphics.Color)	4293328884 (0xFFE6FFF4)
YUV	246.2710, -1.1196, -14.2697
Hunter-Lab	97.4250, -15.1979, 7.6572

Details

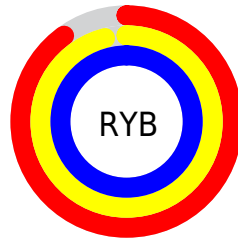
The CIELCh color **98, 10.411, 166.199** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **94, 10.560, 347.908**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 10.308, 167.361** is the 20% darker color. If you saturate the color by 10%, you get **96, 20.923, 165.272**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

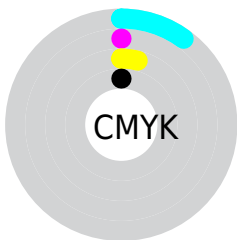
Distribution



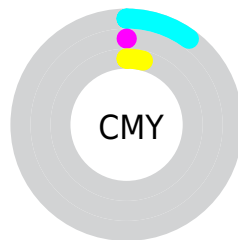
- Red (90%)
- Green (100%)
- Blue (96%)



- Red (90%)
- Yellow (96%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 10.411, 166.199 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, 10.411, 166.199 by changing the saturation by 10% instead.


 98, 10.411,
166.199


 98, 10.411,
166.199

 100, 10.411,
166.199


 88, 10.411,
166.199


 78, 10.411,
166.199

 68, 10.411,
166.199

 58, 10.411,
166.199

 48, 10.411,
166.199

 38, 10.411,
166.199

 28, 10.411,

166.199

■ 18, 10.411,
166.199

■ 8, 10.411, 166.199

■ 98, 10.411,
166.199

■ 98, 10.411,
166.199

■ 96, 20.923,
165.272

100, 0.012,
296.813

■ 94, 31.242,
164.191

■ 93, 41.171,
162.989

■ 92, 50.529,
161.639

■ 91, 59.136,
160.114

■ 90, 66.842,
158.390

■ 89, 73.549,
156.450

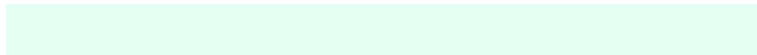
■ 89, 79.250,
154.295

■ 89, 84.097,
151.987

Harmonies

Complementary

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



98, 10.411, 166.199



94, 10.560, 347.908

Rectangle

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



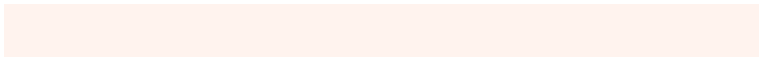
98, 10.411, 166.199



98, 10.411, 216.199



98, 10.411, 346.199



98, 10.411, 36.199

Sweetspot

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



98, 10.382, 166.266



99, 3.179, 166.985



98, 13.624, 130.384



53, 2.411, 166.881



0, 0.000, 0.000



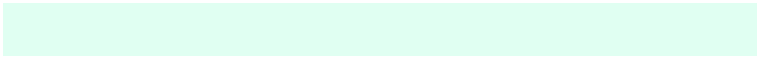
53, 0.007, 296.813

Same Dimension

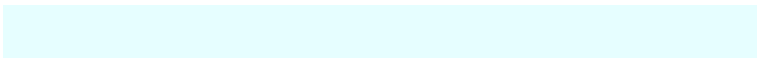
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 10.382, 166.266



98, 12.729, 166.050



98, 8.091, 203.504



52, 6.033, 166.293



68, 67.244, 152.374



23, 29.114, 155.603

Inverse Universe

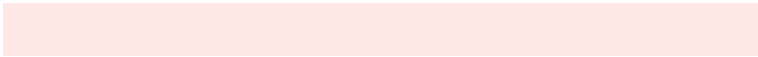
The Inverse Universe completely reimagines the original color for something new.



94, 10.560, 347.908



92, 12.991, 348.128



94, 8.622, 24.171



50, 6.134, 347.880



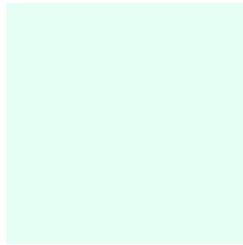
41, 68.021, 8.021



10, 31.430, 1.511

Previews

White Background



This preview shows how the CIE LCh color 98, 10.411, 166.199 looks on a white background.

Color Contrast Check

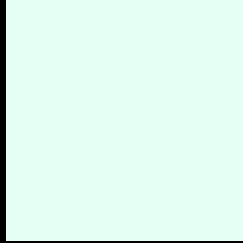
Large Text (above 18pt) WCAG AA × Fail

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, 10.411, 166.199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

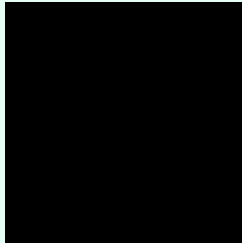
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

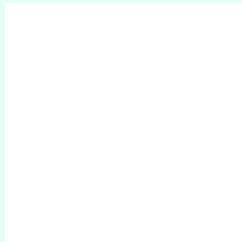
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 10.411, 166.199

Background



This preview shows how black text looks on a background with the CIELCh color 98, 10.411, 166.199.


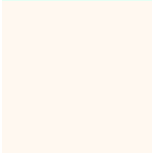



This preview shows how white text looks on a background with the CIELCh color 98, 10.411, 166.199.

Color Blindness Simulation

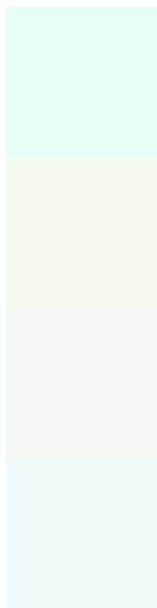
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

	Original Color 98, 10.411, 166.199
	Protanopia 98, 4.754, 78.119
	Deuteranopia 98, 2.876, 9.172

Tritanopia
98, 3.347, 266.028

Trichromacy



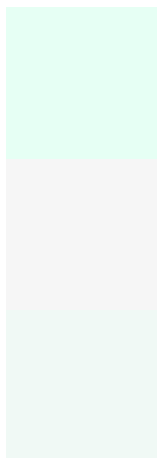
Original Color
98, 10.411, 166.199

Protanomaly
98, 5.398, 128.920

Deuteranomaly
98, 2.080, 152.420

Tritanomaly
98, 3.810, 199.333

Monochromacy



Original Color
98, 10.411, 166.199

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 3.773, 166.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 10.411, 166.199 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(230, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 244)  
}
```

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(230, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 10.411, 166.199 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(230, 255, 244) }
```

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

```
.border{ border-color:rgb(230, 255, 244) }
```

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

Here you see how a box with a 4 pixel rgb(230, 255, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 10.411, 166.199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 244) }
```

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

```
.background{ background-color: rgb(230,  
255, 244) }
```

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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