

Converting Colors

CIELCh(100, 18.595, 160.892)

Have a look what the booklet for
CIELCh(100, 18.595, 160.892)
contains.

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Color

CIElCh(98, 12.734, 169.859)

Conversions

Conversions Part 1

Format	Color
Hex	E0FFF4
RGB	224, 255, 244
RGB Percent	88%, 100%, 96%
CMY	0.1199, 0.0000, 0.0414
CMYK	0.12, 0.00, 0.04, 0.00
HSL	159°, 100%, 94%
HSV	159°, 12%, 100%
XYZ	83.4855, 94.9163, 99.8512
YIQ	244.4770, -14.9450, -9.9930

Conversions

Conversions Part 2

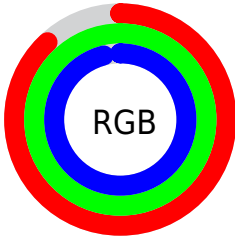
Format	Color
R _Y B	224, 243, 255
Decimal	14745588
CIE _{Lab}	98.00, -12.54, 2.24
CIE _{LCh}	98, 12.734, 169.859
Y _{xy}	94.9163, 0.3000, 0.3411
Android (android.graphics.Color)	4292935668 (0xFFE0FFF4)
Y _{UV}	244.4770, -0.2352, -17.9583
Hunter-Lab	97.4250, -17.5333, 7.4310

Details

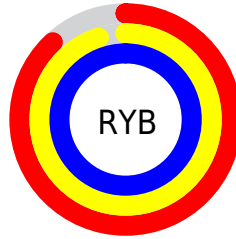
The CIELCh color **98, 12.734, 169.859** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **92, 12.297, 353.994**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 11.849, 171.609** is the 20% darker color. If you saturate the color by 10%, you get **96, 21.708, 170.774**, and if you desaturate by 10%, it is **100, 1.989, 172.981**.

Distribution



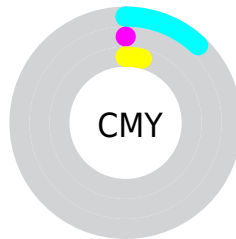
- Red (88%)
- Green (100%)
- Blue (96%)



- Red (88%)
- Yellow (95%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 12.734, 169.859 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, 12.734, 169.859 by changing the saturation by 10% instead.


 98, 12.734,
169.859


 98, 12.734,
169.859


 100, 12.734,
169.859


 88, 12.734,
169.859

 78, 12.734,
169.859

 68, 12.734,
169.859

 58, 12.734,
169.859

 48, 12.734,
169.859

 38, 12.734,
169.859

 28, 12.734,

169.859

■ 18, 12.734,
169.859

■ 8, 12.734, 169.859

■ 98, 12.734,
169.859

■ 98, 12.734,
169.859

■ 96, 21.708,
170.774

■ 100, 1.989,
172.981

■ 94, 31.146,
169.655

■ 100, 0.012,
296.813

■ 93, 40.088,
168.425

■ 92, 48.362,
167.059

■ 91, 55.810,
165.530

■ 90, 62.309,
163.813

■ 90, 67.799,
161.889

■ 89, 72.312,
159.754

■ 89, 75.375,
157.942

Harmonies

Complementary

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



98, 12.734, 169.859



92, 12.297, 353.994

Rectangle

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



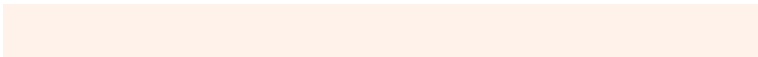
98, 12.734, 169.859



98, 12.734, 219.859



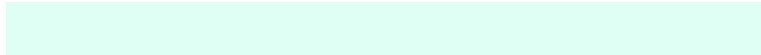
98, 12.734, 349.859



98, 12.734, 39.859

Sweetspot

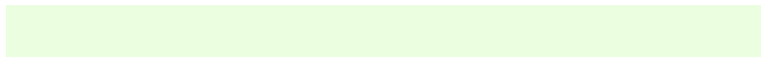
The Sweet Spot groups the original color and five complimentary colors.



98, 11.940, 171.811



99, 3.993, 172.659



98, 17.157, 133.622



53, 2.838, 172.568



0, 0.000, 0.000



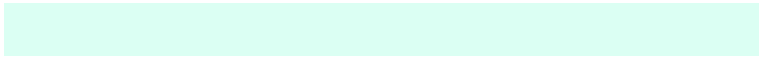
53, 0.007, 296.813

Same Dimension

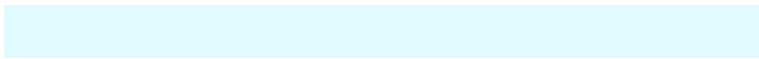
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 11.940, 171.811



97, 13.918, 171.607



97, 9.062, 213.998



52, 5.667, 172.063



69, 60.266, 158.368



23, 26.330, 161.483

Inverse Universe

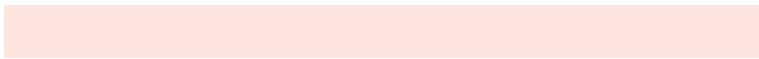
The Inverse Universe completely reimagines the original color for something new.



92, 12.297, 353.994



91, 14.404, 354.212



93, 9.805, 33.854



50, 5.803, 353.728



40, 69.339, 17.046



10, 31.318, 9.353

Previews

White Background



This preview shows how the CIE LCh color 98, 12.734, 169.859 looks on a white background.

Color Contrast Check

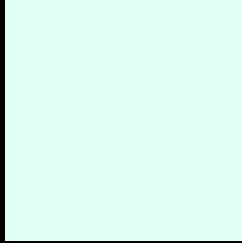
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 98, 12.734, 169.859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

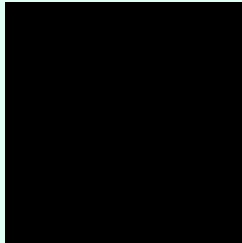
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

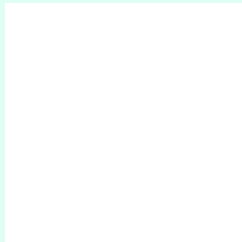
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 12.734, 169.859

Background



This preview shows how black text looks on a background with the CIELCh color 98, 12.734, 169.859.

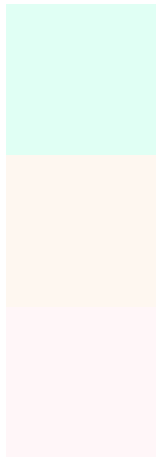


This preview shows how white text looks on a background with the CIELCh color 98, 12.734, 169.859.

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](#).

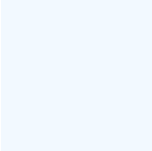
Dichromacy



Original Color
98, 12.174, 171.187

Protanopia
98, 4.330, 74.645

Deuteranopia
98, 3.349, 1.716

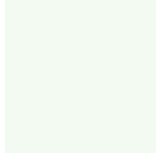


Tritanopia
98, 3.872, 251.881

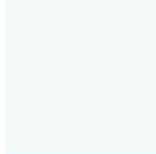
Trichromacy



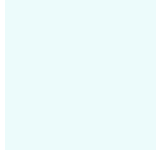
Original Color
98, 12.174, 171.187



Protanomaly
98, 4.784, 140.907



Deuteranomaly
98, 2.032, 169.494

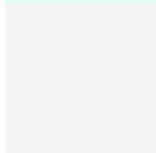


Tritanomaly
98, 5.177, 199.200

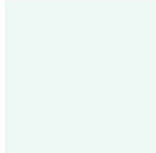
Monochromacy



Original Color
98, 12.174, 171.187



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 4.374, 171.429

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 12.734, 169.859 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(224, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 12.734, 169.859 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(224, 255, 244) }
```

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

```
.border{ border-color:rgb(224, 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(224, 255, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 12.734, 169.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 244) }
```

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

```
.background{ background-color: rgb(224,  
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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