

Converting Colors

CIELCh(98, 12.774, 165.653)

Have a look what the booklet for
CIELCh(98, 12.774, 165.653)
contains.

CIELCh(98, 11.855, 167.590)	3
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Color

CIElCh(98, 11.855, 167.590)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFF4
RGB	227, 255, 244
RGB Percent	89%, 100%, 96%
CMY	0.1103, 0.0000, 0.0436
CMYK	0.11, 0.00, 0.04, 0.00
HSL	156°, 100%, 94%
HSV	156°, 11%, 100%
XYZ	83.9871, 94.9163, 99.3807
YIQ	245.3740, -13.1570, -9.3570

Conversions

Conversions Part 2

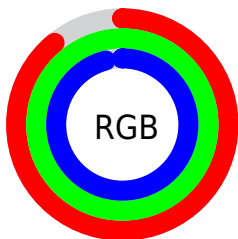
Format	Color
R _Y B	227, 244, 255
Decimal	14942196
CIE Lab	98.00, -11.58, 2.55
CIE LCh	98, 11.855, 167.590
Yxy	94.9163, 0.3018, 0.3411
Android (android.graphics.Color)	4293132276 (0xFFE3FFF4)
YUV	245.3740, -0.6774, -16.1140
Hunter-Lab	97.4250, -16.6143, 7.7173

Details

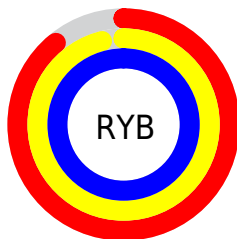
The CIELCh color **98, 11.855, 167.590** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **93, 11.617, 350.677**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 11.228, 170.062** is the 20% darker color. If you saturate the color by 10%, you get **96, 21.530, 167.718**, and if you desaturate by 10%, it is **100, 1.059, 170.108**.

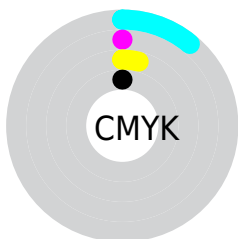
Distribution



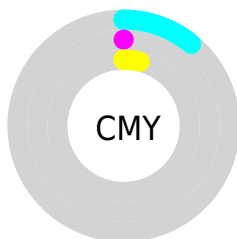
- Red (89%)
- Green (100%)
- Blue (96%)



- Red (89%)
- Yellow (96%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 11.855, 167.590 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, 11.855, 167.590 by changing the saturation by 10% instead.


 98, 11.855,
167.590


 98, 11.855,
167.590


 100, 11.855,
167.590


 88, 11.855,
167.590

 78, 11.855,
167.590

 68, 11.855,
167.590

 58, 11.855,
167.590

 48, 11.855,
167.590

 38, 11.855,
167.590

 28, 11.855,

167.590

■ 18, 11.855,
167.590

■ 8, 11.855, 167.590

■ 98, 11.855,
167.590

■ 98, 11.855,
167.590

■ 96, 21.530,
167.718

■ 100, 1.059,
170.108

■ 94, 31.426,
166.611

■ 100, 0.012,
296.813

■ 93, 40.882,
165.387

■ 92, 49.719,
164.018

■ 91, 57.769,
162.479

■ 90, 64.894,
160.745

■ 89, 71.018,
158.796

■ 89, 76.153,
156.634

■ 89, 80.077,
154.571

Harmonies

Complementary

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



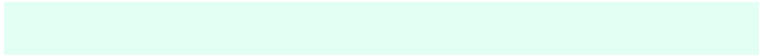
98, 11.855, 167.590



93, 11.617, 350.677

Rectangle

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



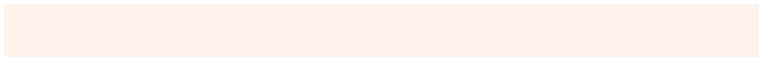
98, 11.855, 167.590



98, 11.855, 217.590



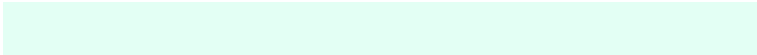
98, 11.855, 347.590



98, 11.855, 37.590

Sweetspot

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



98, 11.358, 168.738



99, 3.089, 169.603



98, 15.566, 132.021



53, 2.343, 169.495



0, 0.000, 0.000



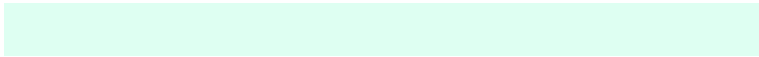
53, 0.007, 296.813

Same Dimension

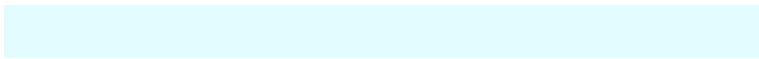
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 11.358, 168.738



97, 13.373, 168.541



97, 8.689, 208.498



52, 5.856, 168.890



68, 63.983, 155.004



23, 27.806, 158.199

Inverse Universe

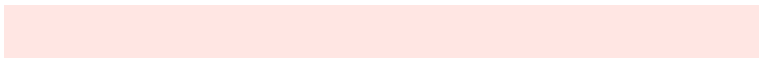
The Inverse Universe completely reimagines the original color for something new.



93, 11.617, 350.677



91, 13.729, 350.881



93, 9.344, 28.840



50, 5.972, 350.519



41, 68.385, 12.253



10, 31.294, 5.179

Previews

White Background



This preview shows how the CIE LCh color 98, 11.855, 167.590 looks on a white background.

Color Contrast Check

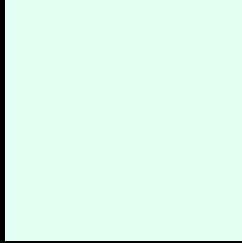
Large Text (above 18pt) WCAG AA × Fail

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, 11.855, 167.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

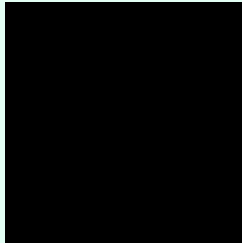
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

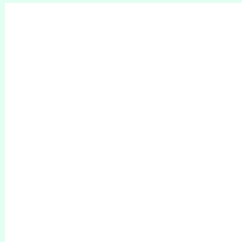
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 11.855, 167.590

Background



This preview shows how black text looks on a background with the CIELCh color 98, 11.855, 167.590.

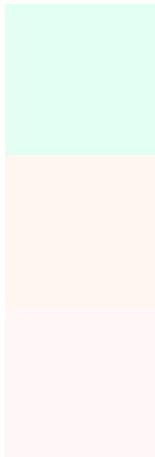


This preview shows how white text looks on a background with the CIELCh color 98, 11.855, 167.590.

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



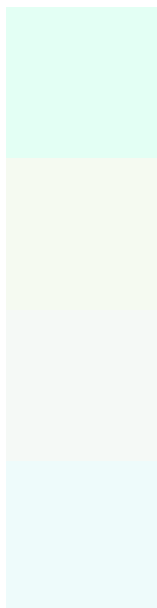
Original Color
98, 11.285, 168.902

Protanopia
98, 4.955, 74.563

Deuteranopia
98, 3.349, 1.716

Tritanopia
98, 3.497, 260.845

Trichromacy



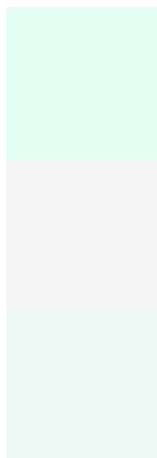
Original Color
98, 11.285, 168.902

Protanomaly
98, 4.924, 130.867

Deuteranomaly
98, 2.081, 152.419

Tritanomaly
98, 4.495, 199.263

Monochromacy



Original Color
98, 11.285, 168.902

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, 11.855, 167.590 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(227, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 11.855, 167.590 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(227, 255, 244) }
```

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

```
.border{ border-color:rgb(227, 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(227, 255, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 11.855, 167.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 244) }
```

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

```
.background{ background-color: rgb(227,  
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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