

Converting Colors

CIE LCh(98, 6.955, 172.110)

Have a look what the booklet for
CIELCh(98, 6.955, 172.110) contains.

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Color

CIELCh(98, 6.693, 171.866)

Conversions

Conversions Part 1

Format	Color
Hex	ECFDF7
RGB	236, 253, 247
RGB Percent	93%, 99%, 97%
CMY	0.0740, 0.0073, 0.0308
CMYK	0.07, 0.00, 0.02, 0.01
HSL	159°, 82%, 96%
HSV	159°, 7%, 99%
XYZ	86.6147, 94.9163, 101.8611
YIQ	247.2330, -8.2060, -5.4700

Conversions

Conversions Part 2

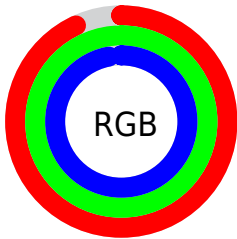
Format	Color
R _Y B	236, 246, 253
Decimal	15531511
CIE Lab	98.00, -6.63, 0.95
CIE LCh	98, 6.693, 171.866
Yxy	94.9163, 0.3056, 0.3349
Android (android.graphics.Color)	4293721591 (0xFFECCDF7)
YUV	247.2330, -0.1149, -9.8513
Hunter-Lab	97.4250, -11.8000, 6.2078

Details

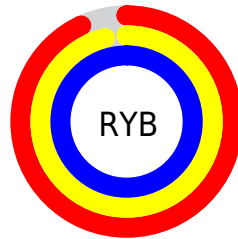
The CIELCh color **98, 6.693, 171.866** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 6.810, 352.931**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 6.444, 174.427** is the 20% darker color. If you saturate the color by 10%, you get **96, 16.571, 170.836**, and if you desaturate by 10%, it is **100, 1.162, 324.216**.

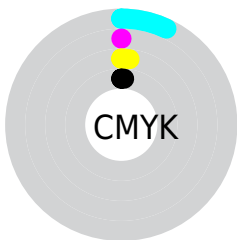
Distribution



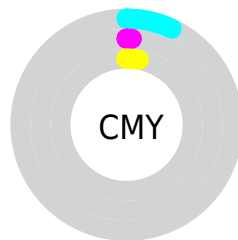
- Red (93%)
- Green (99%)
- Blue (97%)



- Red (93%)
- Yellow (96%)
- Blue (99%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (7%)
- Magenta (1%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 6.693, 171.866 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, 6.693, 171.866 by changing the saturation by 10% instead.

 98, 6.693, 171.866

 98, 6.693, 171.866

 100, 6.693,
171.866

 88, 6.693, 171.866

 78, 6.693, 171.866

 68, 6.693, 171.866

 58, 6.693, 171.866

 48, 6.693, 171.866

 38, 6.693, 171.866

 28, 6.693, 171.866

 18, 6.693, 171.866

 8, 6.693, 171.866

98, 6.693, 171.866

98, 6.693, 171.866

96, 16.571,
170.836

100, 1.162,
324.216

94, 26.206,
169.765

93, 35.442,
168.597

92, 44.111,
167.304

91, 52.044,
165.860

90, 59.095,
164.240

89, 65.168,
162.420

89, 70.241,
160.388

 89,74.398,
158.155

Harmonies

Complementary

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



98, 6.693, 171.866



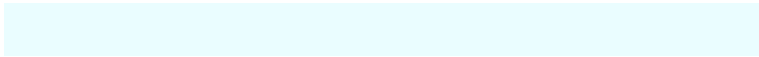
95, 6.810, 352.931

Rectangle

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



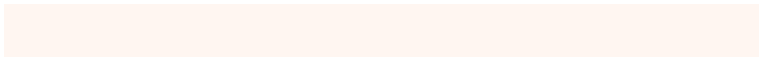
98, 6.693, 171.866



98, 6.693, 221.866



98, 6.693, 351.866



98, 6.693, 41.866

Sweetspot

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



98, 6.695, 171.856



100, 2.004, 172.482



98, 9.487, 133.324



53, 1.139, 172.505



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

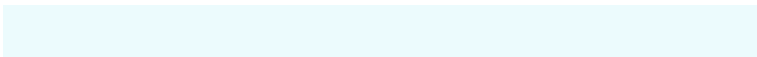
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 6.695, 171.856



98, 8.018, 171.722



98, 5.179, 212.155



52, 5.695, 171.569



69, 60.826, 157.832



23, 26.551, 160.963

Inverse Universe

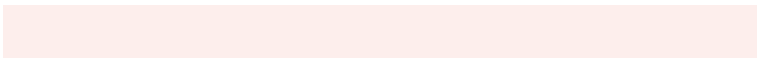
The Inverse Universe completely reimagines the original color for something new.



95, 6.810, 352.931



95, 8.177, 353.069



95, 5.406, 32.006



50, 5.827, 353.229



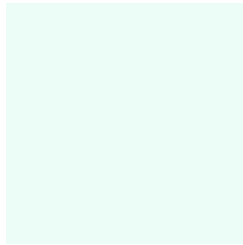
40, 69.158, 16.328



10, 31.304, 8.746

Previews

White Background



This preview shows how the CIELCh color 98, 6.693, 171.866 looks on a white background.

Color Contrast Check

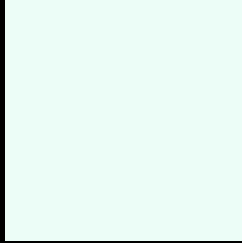
Large Text (above 18pt) WCAG AA × Fail

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, 6.693, 171.866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

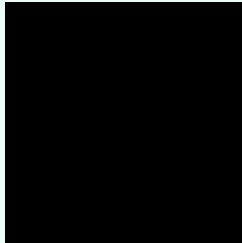
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

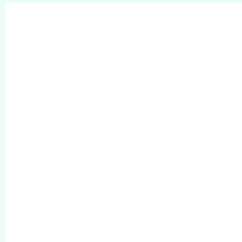
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 6.693, 171.866

Background



This preview shows how black text looks on a background with the CIELCh color 98, 6.693, 171.866.

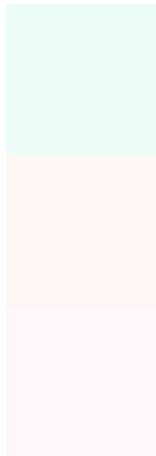


This preview shows how white text looks on a background with the CIELCh color 98, 6.693, 171.866.

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, 6.693, 171.866

Protanopia

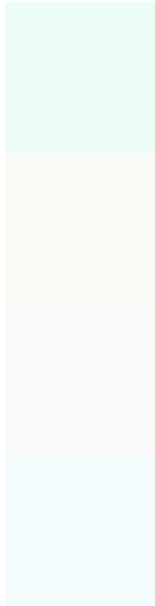
98, 2.925, 63.312

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.137, 277.676

Trichromacy



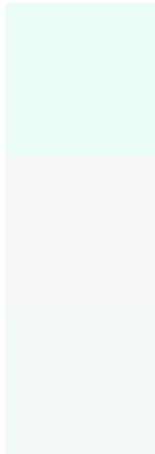
Original Color
98, 6.693, 171.866

Protanomaly
98, 2.639, 125.442

Deuteranomaly
98, 0.612, 144.916

Tritanomaly
98, 2.814, 209.915

Monochromacy



Original Color
98, 6.693, 171.866

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.341, 173.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 6.693, 171.866 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(236, 253, 247)` looks like.

```
.text, #text, p{  
    color:rgb(236, 253, 247)  
}
```

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(236, 253, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 253, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 6.693, 171.866 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(236, 253, 247) }
```

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

```
.border{ border-color:rgb(236, 253, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 253, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 253, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 253, 247);  
box-shadow:4px 4px 4px 4px rgb(236, 253,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 6.693, 171.866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 253, 247) }
```

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

```
.background{ background-color: rgb(236,  
253, 247) }
```

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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