

Converting Colors

CIELCh(98, 3.657, 157.322)

Have a look what the booklet for
CIELCh(98, 3.657, 157.322) contains.

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Color

CIELCh(98, 3.806, 157.366)

Conversions

Conversions Part 1

Format	Color
Hex	F3FBF6
RGB	243, 251, 246
RGB Percent	95%, 98%, 96%
CMY	0.0461, 0.0147, 0.0343
CMYK	0.03, 0.00, 0.02, 0.01
HSL	142°, 52%, 97%
HSV	142°, 3%, 99%
XYZ	88.2940, 94.9163, 101.0544
YIQ	248.0380, -3.1630, -3.2510

Conversions

Conversions Part 2

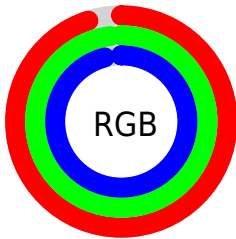
Format	Color
R_{YB}	243, 249, 251
Decimal	15989750
CIE _{Lab}	98.00, -3.51, 1.46
CIE _{LCh}	98, 3.806, 157.366
Yxy	94.9163, 0.3106, 0.3339
Android (android.graphics.Color)	4294179830 (0xFFFF3FBF6)
YUV	248.0380, -1.0047, -4.4183
Hunter-Lab	97.4250, -8.7233, 6.6987

Details

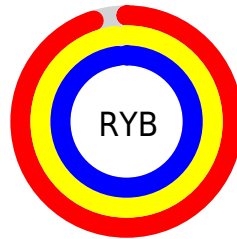
The CIELCh color **98, 3.806, 157.366** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97, 3.833, 337.598**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 3.995, 157.278** is the 20% darker color. If you saturate the color by 10%, you get **96, 15.851, 156.482**, and if you desaturate by 10%, it is **99, 2.335, 324.391**.

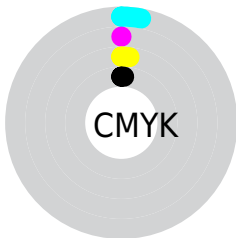
Distribution



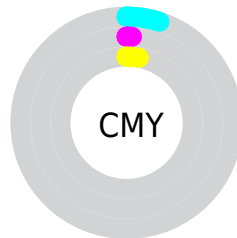
- Red (95%)
- Green (98%)
- Blue (96%)



- Red (95%)
- Yellow (98%)
- Blue (98%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (5%)
- Magenta (1%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 3.806, 157.366 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, 3.806, 157.366 by changing the saturation by 10% instead.

 98, 3.806, 157.366

 98, 3.806, 157.366

 100, 3.806,
157.366

 88, 3.806, 157.366

 78, 3.806, 157.366

 68, 3.806, 157.366


 58, 3.806, 157.366

 48, 3.806, 157.366

 38, 3.806, 157.366

 28, 3.806, 157.366

 18, 3.806, 157.366

 8, 3.806, 157.366

98, 3.806, 157.366

98, 3.806, 157.366

96, 15.851,
156.482

99, 2.335, 324.391

94, 27.883,
155.574

92, 39.739,
154.546

91, 51.223,
153.371

90, 62.117,
152.024

89, 72.202,
150.483

88, 81.284,
148.739

87, 89.226,
146.796

■ 87, 95.978,
144.693

Harmonies

Complementary

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



98, 3.806, 157.366



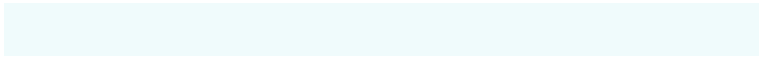
97, 3.833, 337.598

Rectangle

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



98, 3.806, 157.366



98, 3.806, 207.366



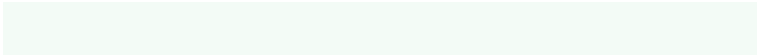
98, 3.806, 337.366



98, 3.806, 27.366

Sweetspot

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



98, 3.808, 157.358



100, 1.202, 157.767



98, 4.204, 124.140



53, 0.683, 157.790



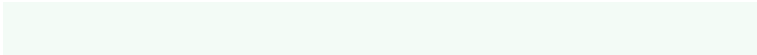
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

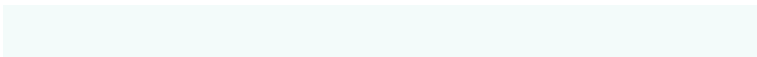
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 3.808, 157.358



99, 4.844, 157.273



98, 2.843, 188.419



52, 3.388, 157.203



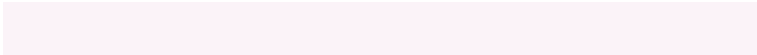
67, 79.896, 143.648



22, 33.676, 146.894

Inverse Universe

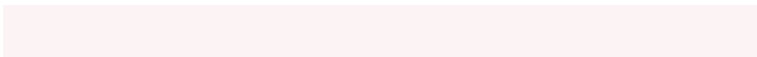
The Inverse Universe completely reimagines the original color for something new.



97, 3.833, 337.598



97, 4.873, 337.681



97, 2.892, 8.516



51, 3.408, 337.750



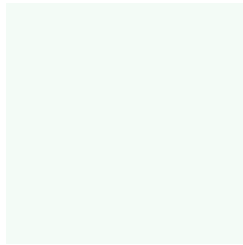
41, 70.502, 350.809



10, 32.734, 347.008

Previews

White Background



This preview shows how the CIE LCh color 98, 3.806, 157.366 looks on a white background.

Color Contrast Check

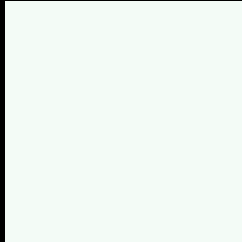
Large Text (above 18pt) WCAG AA × Fail

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, 3.806, 157.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

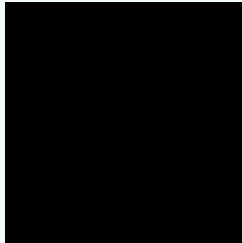
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

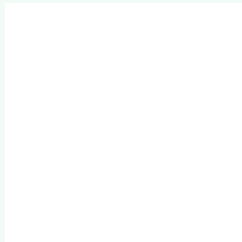
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 3.806, 157.366

Background



This preview shows how black text looks on a background with the CIELCh color 98, 3.806, 157.366.

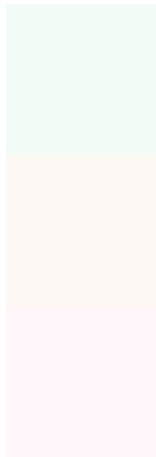


This preview shows how white text looks on a background with the CIELCh color 98, 3.806, 157.366.

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, 3.806, 157.366

Protanopia

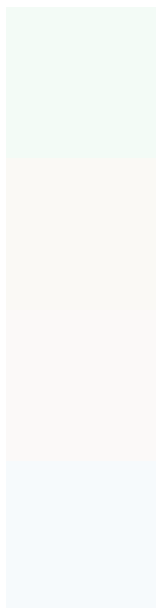
98, 2.925, 63.312

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.084, 283.981

Trichromacy



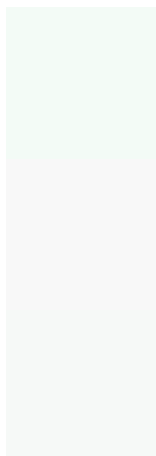
Original Color
98, 3.806, 157.366

Protanomaly
98, 2.053, 100.087

Deuteranomaly
98, 0.858, 54.929

Tritanomaly
98, 1.717, 236.229

Monochromacy



Original Color
98, 3.806, 157.366

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.466, 155.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 3.806, 157.366 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(243, 251, 246)` looks like.

```
.text, #text, p{  
    color:rgb(243, 251, 246)  
}
```

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(243, 251, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 251, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 3.806, 157.366 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(243, 251, 246) }
```

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

```
.border{ border-color:rgb(243, 251, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 251, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 251, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 251, 246);  
box-shadow:4px 4px 4px 4px rgb(243, 251,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 3.806, 157.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 251, 246) }
```

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

```
.background{ background-color: rgb(243,  
251, 246) }
```

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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