

Converting Colors

CIELCh(98, 6.841, 105.796)

Have a look what the booklet for
CIELCh(98, 6.841, 105.796) contains.

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Color

CIELCh(98, 7.118, 106.742)

Conversions

Conversions Part 1

Format	Color
Hex	FBFAEC
RGB	251, 250, 236
RGB Percent	98%, 98%, 93%
CMY	0.0158, 0.0197, 0.0746
CMYK	0.00, 0.00, 0.06, 0.02
HSL	56°, 65%, 95%
HSV	56°, 6%, 98%
XYZ	89.0904, 94.9163, 92.9641
YIQ	248.7030, 5.0900, -4.1420

Conversions

Conversions Part 2

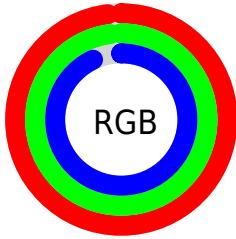
Format	Color
R_{YB}	237, 251, 236
Decimal	16513772
CIE Lab	98.00, -2.05, 6.82
CIE LCh	98, 7.118, 106.742
Yxy	94.9163, 0.3217, 0.3427
Android (android.graphics.Color)	4294703852 (0xFFFBFAEC)
YUV	248.7030, -6.2626, 2.0145
Hunter-Lab	97.4250, -7.2641, 11.6222

Details

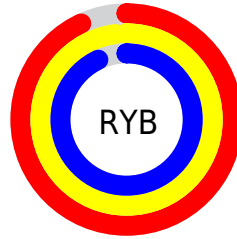
The CIELCh color **98, 7.118, 106.742** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 7.220, 288.026**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 7.461, 109.483** is the 20% darker color. If you saturate the color by 10%, you get **97, 19.038, 105.731**, and if you desaturate by 10%, it is **99, 1.729, 282.610**.

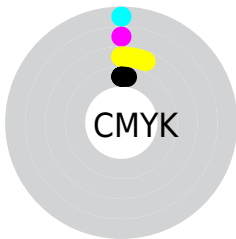
Distribution



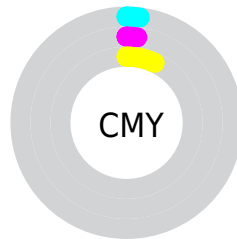
- Red (98%)
- Green (98%)
- Blue (93%)



- Red (93%)
- Yellow (98%)
- Blue (93%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)




- Cyan (2%)
- Magenta (2%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 7.118, 106.742 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, 7.118, 106.742 by changing the saturation by 10% instead.

 98, 7.118, 106.742

 98, 7.118, 106.742

 100, 7.118,
106.742

 88, 7.118, 106.742

 78, 7.118, 106.742

 68, 7.118, 106.742

 58, 7.118, 106.742

 48, 7.118, 106.742

 38, 7.118, 106.742

 28, 7.118, 106.742

 18, 7.118, 106.742

 8, 7.118, 106.742

98, 7.118, 106.742

98, 7.118, 106.742

97, 19.038,
105.731

99, 1.729, 282.610

96, 30.879,
104.685

99, 1.179, 246.837

95, 42.536,
103.640

100, 1.389,
200.255

95, 53.837,
102.612

100, 1.397,
199.791

94, 64.507,
101.625

93, 74.122,
100.704

93, 82.090, 99.877

92, 87.736, 99.166

Harmonies

Complementary

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



98, 7.118, 106.742



94, 7.220, 288.026

Rectangle

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



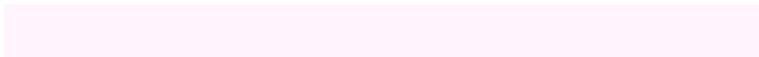
98, 7.118, 106.742



98, 7.118, 156.742



98, 7.118, 286.742



98, 7.118, 336.742

Sweetspot

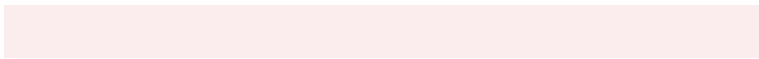
The Sweet Spot groups the original color and five complimentary colors.



98, 7.120, 106.756



100, 2.406, 107.131



95, 5.396, 14.214



53, 1.367, 107.139



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, 7.120, 106.756



99, 8.450, 106.653



98, 7.991, 126.439



52, 5.401, 106.594



71, 73.658, 98.441



23, 32.583, 99.290

Inverse Universe

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



94, 7.220, 288.026



95, 8.581, 288.140



94, 8.083, 306.978



49, 5.489, 288.205



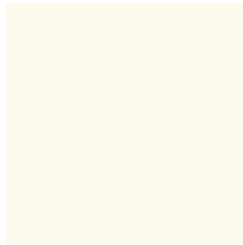
23, 103.716, 305.502



4, 40.066, 299.711

Previews

White Background



This preview shows how the CIE LCh color 98, 7.118, 106.742 looks on a white background.

Color Contrast Check

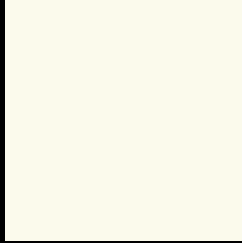
Large Text (above 18pt) WCAG AA × Fail

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, 7.118, 106.742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

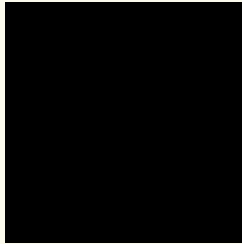
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 7.118, 106.742

Background



This preview shows how black text looks on a background with the CIELCh color 98, 7.118, 106.742.

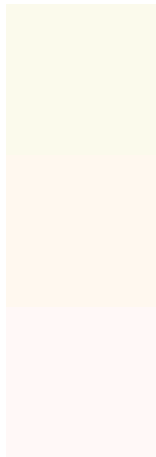


This preview shows how white text looks on a background with the CIELCh color 98, 7.118, 106.742.

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, 7.118, 106.742

Protanopia

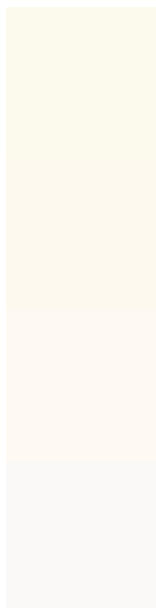
98, 5.196, 81.002

Deuteranopia

98, 2.519, 30.953

Tritanopia
98, 3.744, 306.635

Trichromacy



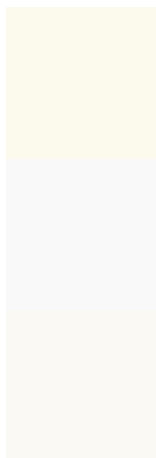
Original Color
98, 7.118, 106.742

Protanomaly
98, 5.854, 91.933

Deuteranomaly
98, 3.510, 79.520

Tritanomaly
98, 0.858, 54.929

Monochromacy



Original Color
98, 7.118, 106.742

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.557, 102.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 7.118, 106.742 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(251, 250, 236)` looks like.

```
.text, #text, p{  
    color:rgb(251, 250, 236)  
}
```

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(251, 250, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 250, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 7.118, 106.742 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(251, 250, 236) }
```

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

```
.border{ border-color:rgb(251, 250, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 250, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 250, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 250, 236);  
box-shadow:4px 4px 4px 4px rgb(251, 250,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 7.118, 106.742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 250, 236) }
```

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

```
.background{ background-color: rgb(251,  
250, 236) }
```

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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