

Converting Colors

CIELCh(100, 11.764, 44.519)

Have a look what the booklet for
CIELCh(100, 11.764, 44.519)
contains.

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Color

CIELCh(98, 5.498, 86.796)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9EF
RGB	255, 249, 239
RGB Percent	100%, 98%, 94%
CMY	0.0015, 0.0250, 0.0642
CMYK	0.00, 0.02, 0.06, 0.00
HSL	38°, 95%, 97%
HSV	38°, 6%, 100%
XYZ	90.3844, 94.9163, 94.9282
YIQ	249.6540, 6.7860, -1.8380

Conversions

Conversions Part 2

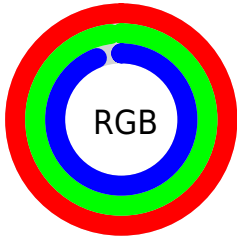
Format	Color
R_{YB}	249, 255, 239
Decimal	16775663
CIE Lab	98.00, 0.31, 5.49
CIE LCh	98, 5.498, 86.796
Yxy	94.9163, 0.3225, 0.3387
Android (android.graphics.Color)	4294965743 (0xFFFFF9EF)
YUV	249.6540, -5.2524, 4.6884
Hunter-Lab	97.4250, -4.8933, 10.4269

Details

The CIELCh color **98, 5.498, 86.796** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **96, 5.493, 268.554**, 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, 5.640, 90.152** is the 20% darker color. If you saturate the color by 10%, you get **95, 14.463, 85.557**, and if you desaturate by 10%, it is **100, 0.131, 204.471**.

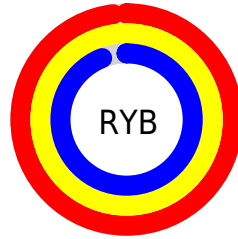
Distribution



Red (100%)

Green (98%)

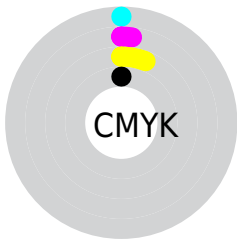
Blue (94%)



Red (98%)

Yellow (100%)

Blue (94%)

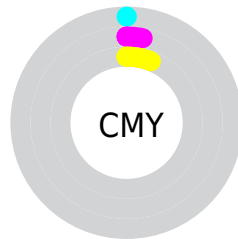


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 5.498, 86.796 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, 5.498, 86.796 by changing the saturation by 10% instead.

 98, 5.498, 86.796

 98, 5.498, 86.796

 100, 5.498, 86.796

 88, 5.498, 86.796

 78, 5.498, 86.796

 68, 5.498, 86.796

 58, 5.498, 86.796

 48, 5.498, 86.796

 38, 5.498, 86.796

 28, 5.498, 86.796

 18, 5.498, 86.796

 8, 5.498, 86.796

98, 5.498, 86.796

98, 5.498, 86.796

95, 14.463, 85.557

100, 0.131,
204.471

92, 23.667, 84.222

89, 33.090, 82.843

87, 42.674, 81.423

84, 52.281, 79.950

81, 61.632, 78.394

79, 70.206, 76.681

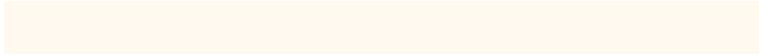
77, 77.148, 74.664

74, 81.431, 72.106

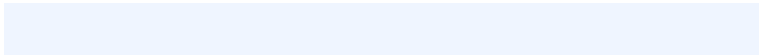
Harmonies

Complementary

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



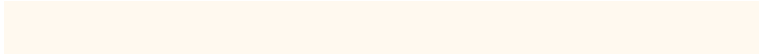
98, 5.498, 86.796



96, 5.493, 268.554

Rectangle

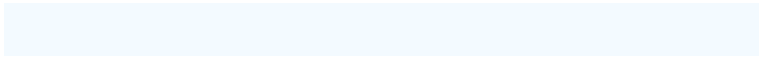
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 5.498, 86.796



98, 5.498, 136.796



98, 5.498, 266.796



98, 5.498, 316.796

Sweetspot

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



98, 5.499, 86.821



99, 1.736, 87.236



96, 6.509, 350.942



53, 0.987, 87.239



0, 0.000, 0.000



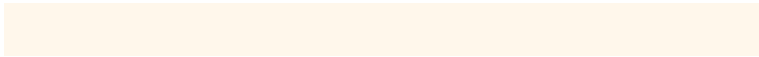
53, 0.007, 296.813

Same Dimension

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



98, 5.499, 86.821



98, 7.031, 86.614



99, 8.135, 114.261



52, 5.008, 86.427



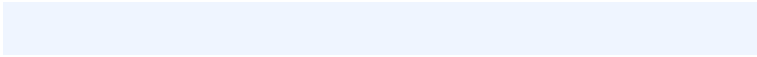
57, 66.508, 71.664



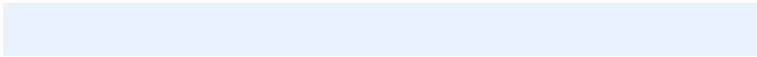
18, 27.610, 74.359

Inverse Universe

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



96, 5.493, 268.554



95, 7.007, 268.781



95, 8.265, 295.278



50, 4.983, 268.988



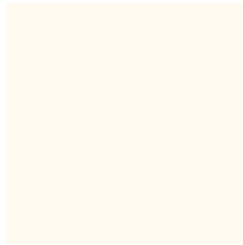
35, 73.768, 294.214



9, 29.599, 288.715

Previews

White Background



This preview shows how the CIELCh color 98, 5.498, 86.796 looks on a white background.

Color Contrast Check

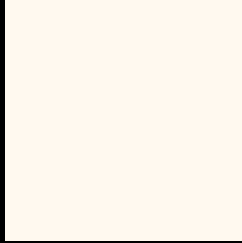
Large Text (above 18pt) WCAG AA × Fail

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, 5.498, 86.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

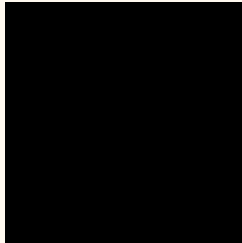
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 5.498, 86.796

Background



This preview shows how black text looks on a background with the CIELCh color 98, 5.498, 86.796.




This preview shows how white text looks on a background with the CIELCh color 98, 5.498, 86.796.

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



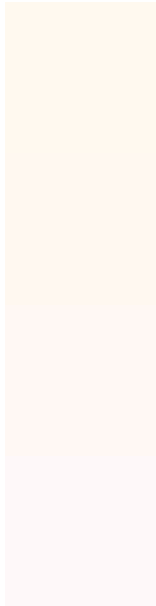
Original Color
98, 5.498, 86.796

Protanopia
98, 4.754, 78.119

Deuteranopia
98, 2.519, 30.953

Tritanopia
98, 4.002, 316.244

Trichromacy



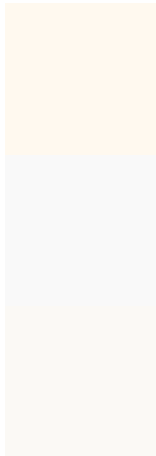
Original Color
98, 5.498, 86.796

Protanomaly
98, 4.754, 78.119

Deuteranomaly
98, 3.192, 58.882

Tritanomaly
98, 2.181, 5.749

Monochromacy



Original Color
98, 5.498, 86.796

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.139, 90.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 5.498, 86.796 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(255, 249, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 239)  
}
```

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(255, 249, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 5.498, 86.796 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(255, 249, 239) }
```

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

```
.border{ border-color:rgb(255, 249, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 5.498, 86.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 239) }
```

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

```
.background{ background-color: rgb(255,  
249, 239) }
```

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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