

Converting Colors

CIELCh(98, 9.666, 96.606)

Have a look what the booklet for
CIELCh(98, 9.666, 96.606) contains.

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Color

CIELCh(98, 9.388, 96.089)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9E7
RGB	255, 249, 231
RGB Percent	100%, 98%, 91%
CMY	0.0000, 0.0229, 0.0935
CMYK	0.00, 0.02, 0.09, 0.00
HSL	45°, 100%, 95%
HSV	45°, 9%, 100%
XYZ	89.6677, 94.9163, 89.3108
YIQ	248.7420, 9.3540, -4.3260

Conversions

Conversions Part 2

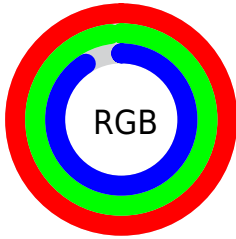
Format	Color
R _Y B	239, 255, 231
Decimal	16775655
CIE Lab	98.00, -1.00, 9.34
CIE LCh	98, 9.388, 96.089
Yxy	94.9163, 0.3274, 0.3465
Android (android.graphics.Color)	4294965735 (0xFFFFF9E7)
YUV	248.7420, -8.7468, 5.4883
Hunter-Lab	97.4250, -6.2065, 13.8456

Details

The CIELCh color **98, 9.388, 96.089** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 9.453, 278.766**, 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, 9.774, 97.991** is the 20% darker color. If you saturate the color by 10%, you get **96, 19.528, 95.234**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

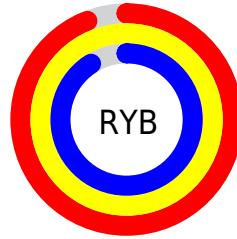
Distribution



Red (100%)

Green (98%)

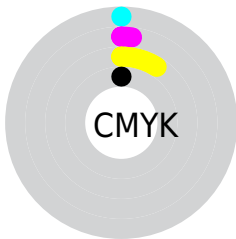
Blue (91%)



Red (94%)

Yellow (100%)

Blue (91%)

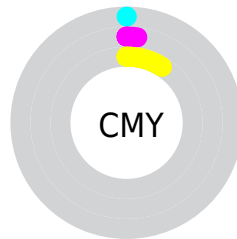


Cyan (0%)

Magenta (2%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 9.388, 96.089 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, 9.388, 96.089 by changing the saturation by 10% instead.

 98, 9.388, 96.089	 98, 9.388, 96.089
 100, 9.388, 96.089	 88, 9.388, 96.089
	 78, 9.388, 96.089
	 68, 9.388, 96.089
	 58, 9.388, 96.089
	 48, 9.388, 96.089
	 38, 9.388, 96.089
	 28, 9.388, 96.089
	 18, 9.388, 96.089
	 8, 9.388, 96.089

98, 9.388, 96.089

98, 9.388, 96.089

96, 19.528, 95.234

100, 0.012,
296.813

94, 29.759, 93.976

92, 39.999, 92.684

90, 50.111, 91.363

88, 59.851, 90.010

86, 68.794, 88.610

85, 76.270, 87.125

83, 81.409, 85.476

82, 83.730, 83.571

Harmonies

Complementary

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



98, 9.388, 96.089



94, 9.453, 278.766

Rectangle

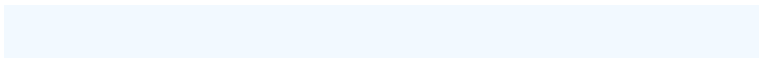
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 9.388, 96.089



98, 9.388, 146.089



98, 9.388, 276.089



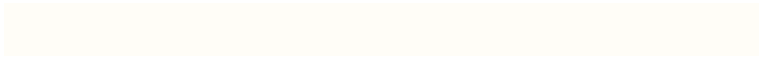
98, 9.388, 326.089

Sweetspot

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



98, 9.377, 96.446



99, 2.989, 97.152



94, 9.101, 0.354



53, 2.269, 97.073



0, 0.000, 0.000



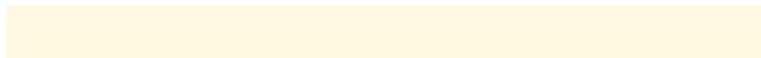
53, 0.007, 296.813

Same Dimension

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



98, 9.377, 96.446



98, 11.044, 96.250



99, 12.285, 119.328



52, 5.702, 96.428



63, 67.623, 83.832



21, 29.549, 86.252

Inverse Universe

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



94, 9.453, 278.766



93, 11.142, 278.986



93, 12.530, 300.520



50, 5.749, 278.786



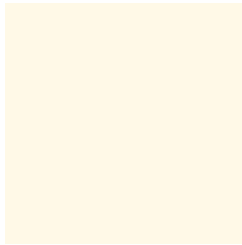
29, 89.635, 300.887



7, 35.874, 296.090

Previews

White Background



This preview shows how the CIELCh color 98, 9.388, 96.089 looks on a white background.

Color Contrast Check

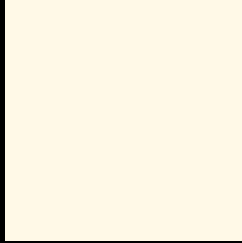
Large Text (above 18pt) WCAG AA × Fail

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, 9.388, 96.089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

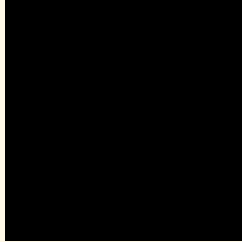
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 9.388, 96.089

Background



This preview shows how black text looks on a background with the CIELCh color 98, 9.388, 96.089.

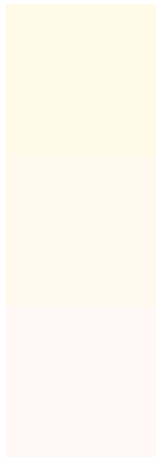


This preview shows how white text looks on a background with the CIELCh color 98, 9.388, 96.089.

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, 9.388, 96.089

Protanopia

98, 6.450, 90.201

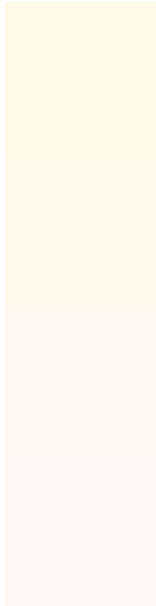
Deuteranopia

98, 2.666, 41.733



Tritanopia
98, 4.619, 317.378

Trichromacy



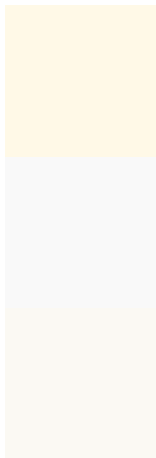
Original Color
98, 9.388, 96.089

Protanomaly
98, 7.419, 92.702

Deuteranomaly
98, 4.327, 74.647

Tritanomaly
98, 2.340, 45.008

Monochromacy



Original Color
98, 9.388, 96.089

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 3.119, 96.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 9.388, 96.089 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 9.388, 96.089 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, 231) }
```

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

```
.border{ border-color:rgb(255, 249, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 9.388, 96.089 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, 231) }
```

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

```
.background{ background-color: rgb(255,  
249, 231) }
```

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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