

Converting Colors

CIELCh(98, 22.869, 108.122)

Have a look what the booklet for
CIELCh(98, 22.869, 108.122)
contains.

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Color

CIElCh(98, 22.778, 108.436)

Conversions

Conversions Part 1

Format	Color
Hex	FCFCCF
RGB	252, 252, 207
RGB Percent	99%, 99%, 81%
CMY	0.0113, 0.0113, 0.1878
CMYK	0.00, 0.00, 0.18, 0.01
HSL	60°, 89%, 90%
HSV	60°, 18%, 99%
XYZ	86.3054, 94.9163, 72.8715
YIQ	246.8700, 14.4450, -13.9950

Conversions

Conversions Part 2

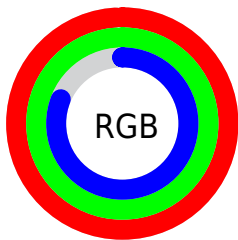
Format	Color
R_{YB}	207, 252, 207
Decimal	16579791
CIE _{Lab}	98.00, -7.20, 21.61
CIE _{LCh}	98, 22.778, 108.436
Yxy	94.9163, 0.3397, 0.3735
Android (android.graphics.Color)	4294769871 (0xFFFCFCFF)
YUV	246.8700, -19.6559, 4.4990
Hunter-Lab	97.4250, -12.3668, 23.8500

Details

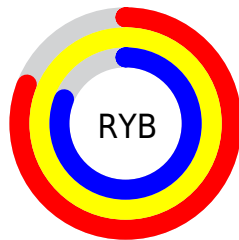
The CIELCh color **98, 22.778, 108.436** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 23.742, 292.183**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 22.279, 108.107** is the 20% darker color. If you saturate the color by 10%, you get **98, 35.361, 107.465**, and if you desaturate by 10%, it is **99, 10.042, 109.415**.

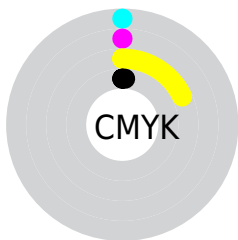
Distribution



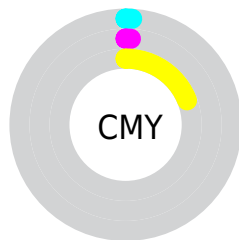
- Red (99%)
- Green (99%)
- Blue (81%)



- Red (81%)
- Yellow (99%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (18%)
- Black (1%)




- Cyan (1%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 22.778, 108.436 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, 22.778, 108.436 by changing the saturation by 10% instead.


 98, 22.778,
108.436


 98, 22.778,
108.436

 100, 22.778,
108.436


 88, 22.778,
108.436

 78, 22.778,
108.436

 68, 22.778,
108.436

 58, 22.778,
108.436

 48, 22.778,
108.436

 38, 22.778,
108.436

 28, 22.778,

108.436

■ 18, 22.778,
108.436

■ 8, 22.778, 108.436

■ 98, 22.778,
108.436

■ 98, 22.778,
108.436

■ 98, 35.361,
107.465

■ 99, 10.042,
109.415

■ 97, 47.649,
106.508

■ 99, 1.478, 290.348

■ 99, 1.478, 290.388

■ 97, 59.433,
105.594

■ 99, 1.478, 290.427

■ 97, 70.390,
104.755

■ 99, 1.478, 290.467

96, 80.049,
104.028

99, 1.478, 290.507

99, 1.478, 290.546

96, 87.815,
103.455

99, 1.478, 290.586

96, 93.101,
103.072

99, 1.478, 290.626

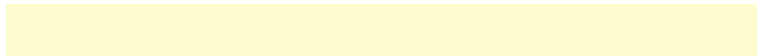
96, 95.704,
102.886

96, 96.078,
102.859

Harmonies

Complementary

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



98, 22.778, 108.436



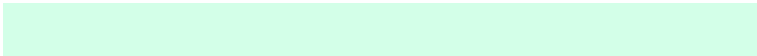
84, 23.742, 292.183

Rectangle

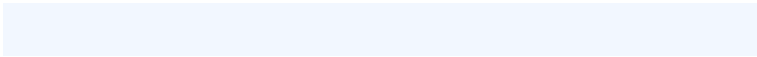
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 22.778, 108.436



98, 22.778, 158.436



98, 22.778, 288.436



98, 22.778, 338.436

Sweetspot

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



98, 22.780, 108.441



100, 6.453, 109.688



87, 16.897, 20.649



53, 4.403, 109.621



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

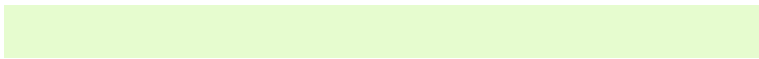
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 22.780, 108.441



99, 27.010, 108.132



96, 24.359, 128.256



52, 7.217, 109.257



74, 77.279, 102.859



25, 34.379, 103.081

Inverse Universe

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



84, 23.742, 292.183



83, 28.374, 292.602



86, 24.965, 309.902



48, 7.380, 291.176



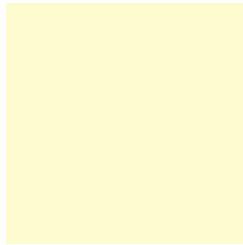
23, 106.708, 306.288



3, 42.026, 300.809

Previews

White Background



This preview shows how the CIELCh color 98, 22.778, 108.436 looks on a white background.

Color Contrast Check

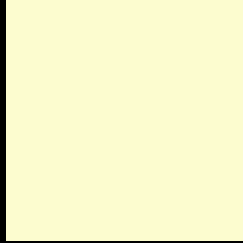
Large Text (above 18pt) WCAG AA × Fail

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, 22.778, 108.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

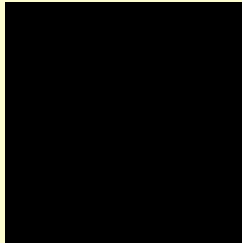
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 22.778, 108.436

Background



This preview shows how black text looks on a background with the CIELCh color 98, 22.778, 108.436.

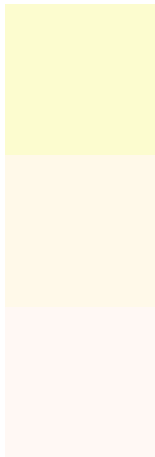


This preview shows how white text looks on a background with the CIELCh color 98, 22.778, 108.436.

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, 22.778, 108.436

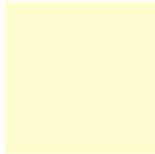
Protanopia
98, 8.400, 94.603

Deuteranopia
98, 3.192, 58.882



Tritanopia
98, 4.619, 317.378

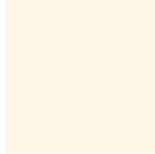
Trichromacy



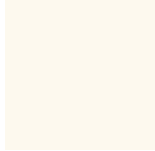
Original Color
98, 22.778, 108.436



Protanomaly
98, 13.275, 102.840

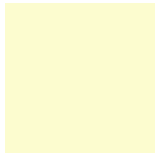


Deuteranomaly
98, 9.313, 98.269

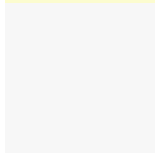


Tritanomaly
98, 5.757, 95.347

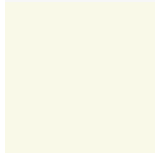
Monochromacy



Original Color
98, 22.778, 108.436



Achromatopsia
97, 0.011, 296.813



Achromatomaly
98, 8.644, 109.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 22.778, 108.436 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(252, 252, 207)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 207)  
}
```

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(252, 252, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 22.778, 108.436 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(252, 252, 207) }
```

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

```
.border{ border-color:rgb(252, 252, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 252, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 207);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 22.778, 108.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 207) }
```

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

```
.background{ background-color: rgb(252,  
252, 207) }
```

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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