

Converting Colors

CIELCh(98, 13.510, 109.147)

Have a look what the booklet for
CIELCh(98, 13.510, 109.147)
contains.

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Color

CIElCh(98, 13.704, 109.129)

Conversions

Conversions Part 1

Format	Color
Hex	FBFBE0
RGB	251, 251, 224
RGB Percent	98%, 98%, 88%
CMY	0.0155, 0.0155, 0.1214
CMYK	0.00, 0.00, 0.11, 0.02
HSL	60°, 77%, 93%
HSV	60°, 11%, 98%
XYZ	87.7641, 94.9163, 84.2402
YIQ	247.9220, 8.6670, -8.3970

Conversions

Conversions Part 2

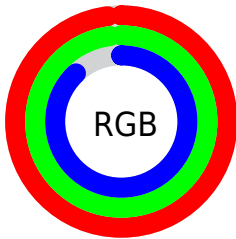
Format	Color
R_{YB}	224, 251, 224
Decimal	16514016
CIE Lab	98.00, -4.49, 12.95
CIE LCh	98, 13.704, 109.129
Yxy	94.9163, 0.3288, 0.3556
Android (android.graphics.Color)	4294704096 (0xFFFFBFBE0)
YUV	247.9220, -11.7935, 2.6994
Hunter-Lab	97.4250, -9.6941, 16.9313

Details

The CIELCh color **98, 13.704, 109.129** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 14.053, 291.321**, 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, 13.840, 110.493** is the 20% darker color. If you saturate the color by 10%, you get **97, 26.365, 108.160**, and if you desaturate by 10%, it is **99, 0.956, 110.033**.

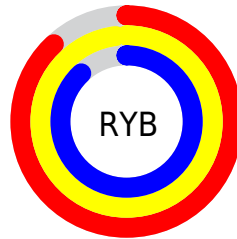
Distribution



Red (98%)

Green (98%)

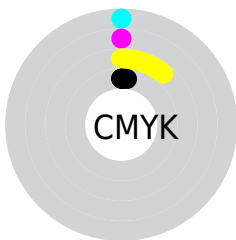
Blue (88%)



Red (88%)

Yellow (98%)

Blue (88%)

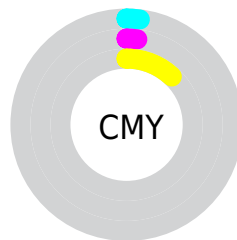


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (2%)



Cyan (2%)


Magenta (2%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 13.704, 109.129 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, 13.704, 109.129 by changing the saturation by 10% instead.


 98, 13.704,
109.129


 98, 13.704,
109.129


 100, 13.704,
109.129


 88, 13.704,
109.129

 78, 13.704,
109.129

 68, 13.704,
109.129

 58, 13.704,
109.129

 48, 13.704,
109.129

 38, 13.704,
109.129

 28, 13.704,

109.129

■ 18, 13.704,
109.129

■ 8, 13.704, 109.129

■ 98, 13.704,
109.129

■ 98, 13.704,
109.129

■ 97, 26.365,
108.160

■ 99, 0.956, 110.033

■ 97, 38.834,
107.187

■ 99, 2.026, 290.407

■ 97, 50.961,
106.240

■ 99, 2.026, 290.450

■ 96, 62.504,
105.345

■ 99, 2.026, 290.494

■ 99, 2.026, 290.537

■ 99, 2.026, 290.581

96, 73.104,
104.535

99, 2.026, 290.624

99, 2.026, 290.667

96, 82.249,
103.848

99, 2.026, 290.711

96, 89.327,
103.327

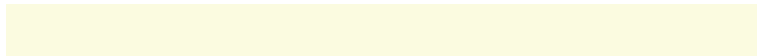
96, 93.811,
103.003

96, 95.768,
102.863

Harmonies

Complementary

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



98, 13.704, 109.129



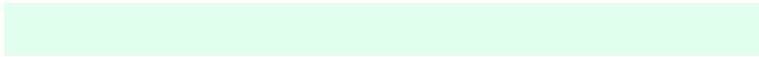
90, 14.053, 291.321

Rectangle

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



98, 13.704, 109.129



98, 13.704, 159.129



98, 13.704, 289.129



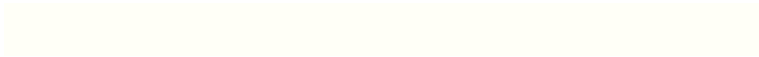
98, 13.704, 339.129

Sweetspot

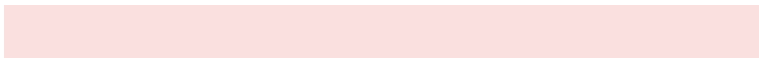
The Sweet Spot groups the original color and five complimentary colors.



98, 13.706, 109.137



100, 3.868, 109.876



91, 9.865, 20.043



53, 2.934, 109.803



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, 13.706, 109.137



99, 16.767, 108.917



97, 14.618, 128.596



52, 7.217, 109.259



74, 77.279, 102.863



25, 34.379, 103.084

Inverse Universe

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



90, 14.053, 291.321



89, 17.277, 291.584



91, 14.843, 309.548



48, 7.380, 291.178



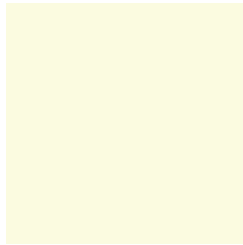
23, 106.708, 306.288



3, 42.026, 300.810

Previews

White Background



This preview shows how the CIE LCh color 98, 13.704, 109.129 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, 13.704, 109.129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

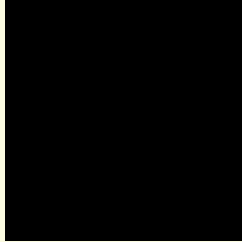
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 13.704, 109.129

Background



This preview shows how black text looks on a background with the CIELCh color 98, 13.704, 109.129.

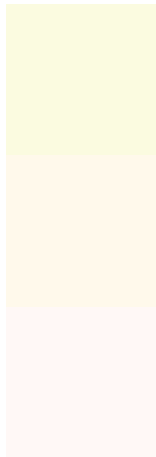


This preview shows how white text looks on a background with the CIELCh color 98, 13.704, 109.129.

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, 13.704, 109.129

Protanopia
98, 7.419, 92.702

Deuteranopia
98, 2.666, 41.733

Tritanopia
98, 3.859, 311.595

Trichromacy



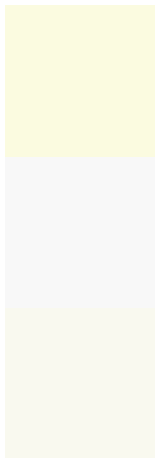
Original Color
98, 13.704, 109.129

Protanomaly
98, 9.748, 100.897

Deuteranomaly
98, 5.854, 91.933

Tritanomaly
98, 2.739, 87.132

Monochromacy



Original Color
98, 13.704, 109.129

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 5.083, 109.776

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 13.704, 109.129 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, 251, 224)` looks like.

```
.text, #text, p{  
    color:rgb(251, 251, 224)  
}
```

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, 251, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 251, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 13.704, 109.129 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, 251, 224) }
```

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

```
.border{ border-color:rgb(251, 251, 224) }
```

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

Here you see how a box with a 4 pixel rgb(251, 251, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 251, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 251, 224);  
box-shadow:4px 4px 4px 4px rgb(251, 251,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 13.704, 109.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 251, 224) }
```

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

```
.background{ background-color: rgb(251,  
251, 224) }
```

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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