

Converting Colors

CIELCh(98, 3.831, 115.835)

Have a look what the booklet for
CIELCh(98, 3.831, 115.835) contains.

CIELCh(98, 4.081, 114.833)	3
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Color

CIElCh(98, 4.081, 114.833)

Conversions

Conversions Part 1

Format	Color
Hex	F9FAF2
RGB	249, 250, 242
RGB Percent	98%, 98%, 95%
CMY	0.0235, 0.0196, 0.0510
CMYK	0.00, 0.00, 0.03, 0.02
HSL	68°, 44%, 96%
HSV	68°, 3%, 98%
XYZ	89.2743, 94.9163, 97.6149
YIQ	248.7890, 1.9720, -2.7000

Conversions

Conversions Part 2

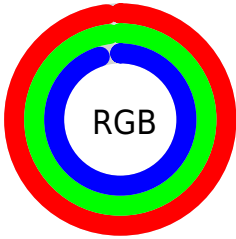
Format	Color
R _Y B	242, 250, 243
Decimal	16382706
CIE Lab	98.00, -1.71, 3.70
CIE LCh	98, 4.081, 114.833
Yxy	94.9163, 0.3168, 0.3368
Android (android.graphics.Color)	4294572786 (0xFFFF9FAF2)
YUV	248.7890, -3.3470, 0.1850
Hunter-Lab	97.4250, -6.9271, 8.7919

Details

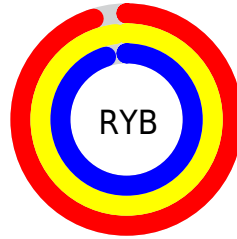
The CIELCh color 98, 4.081, 114.833 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 4.133, 295.361, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 4.282, 114.767 is the 20% darker color. If you saturate the color by 10%, you get 97, 16.841, 114.072, and if you desaturate by 10%, it is 99, 2.673, 306.515.

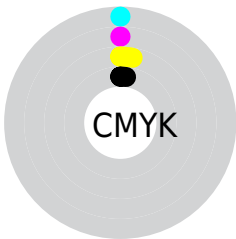
Distribution



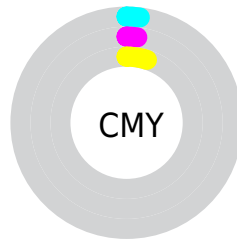
- Red (98%)
- Green (98%)
- Blue (95%)



- Red (95%)
- Yellow (98%)
- Blue (95%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)




- Cyan (2%)
- Magenta (2%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 4.081, 114.833 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, 4.081, 114.833 by changing the saturation by 10% instead.

 98, 4.081, 114.833

 98, 4.081, 114.833

 100, 4.081,
114.833

 88, 4.081, 114.833

 78, 4.081, 114.833

 68, 4.081, 114.833

 58, 4.081, 114.833

 48, 4.081, 114.833

 38, 4.081, 114.833

 28, 4.081, 114.833

 18, 4.081, 114.833

 8, 4.081, 114.833

98, 4.081, 114.833

98, 4.081, 114.833

97, 16.841,
114.072

99, 2.673, 306.515

99, 3.114, 324.451

96, 29.489,
113.278

96, 41.917,
112.493

95, 53.957,
111.743

95, 65.350,
111.065

94, 75.711,
110.509

94, 84.510,
110.144

94, 91.137,
110.047

■ 93, 95.132,
110.282

Harmonies

Complementary

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



98, 4.081, 114.833



96, 4.133, 295.361

Rectangle

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



98, 4.081, 114.833



98, 4.081, 164.833



98, 4.081, 294.833



98, 4.081, 344.833

Sweetspot

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



98, 4.083, 114.853



100, 1.288, 115.012



96, 2.547, 30.103



53, 0.732, 115.015



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, 4.083, 114.853



100, 5.186, 114.791



98, 4.444, 132.947



52, 3.626, 114.734



72, 78.129, 110.481



24, 34.610, 109.932

Inverse Universe

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



96, 4.133, 295.361



97, 5.252, 295.425



96, 4.479, 313.128



50, 3.676, 295.486



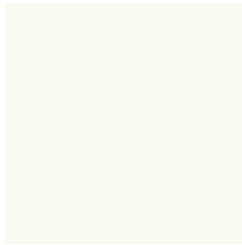
23, 105.940, 306.736



4, 42.376, 303.475

Previews

White Background



This preview shows how the CIELCh color 98, 4.081, 114.833 looks on a white background.

Color Contrast Check

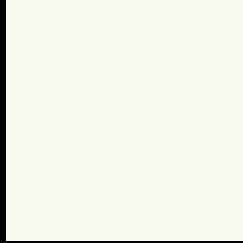
Large Text (above 18pt) WCAG AA × Fail

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, 4.081, 114.833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

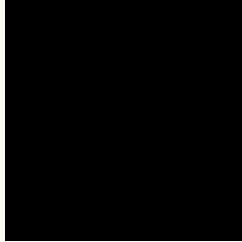
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

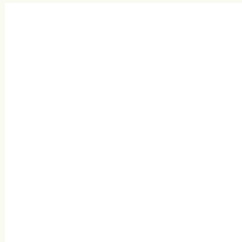
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 4.081, 114.833

Background



This preview shows how black text looks on a background with the CIELCh color 98, 4.081, 114.833.

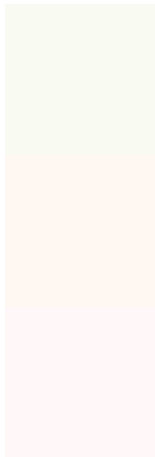


This preview shows how white text looks on a background with the CIELCh color 98, 4.081, 114.833.

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, 4.081, 114.833

Protanopia

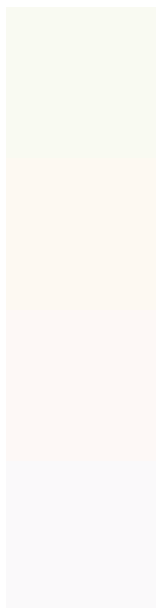
98, 3.919, 70.425

Deuteranopia

98, 2.876, 9.172

Tritanopia
98, 3.658, 301.411

Trichromacy



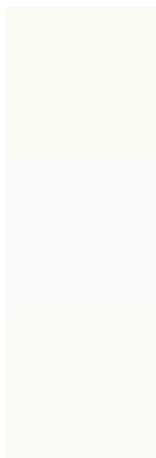
Original Color
98, 4.081, 114.833

Protanomaly
98, 3.815, 87.999

Deuteranomaly
98, 2.025, 49.322

Tritanomaly
98, 0.632, 323.982

Monochromacy



Original Color
98, 4.081, 114.833

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.517, 110.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 4.081, 114.833 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(249, 250, 242)` looks like.

```
.text, #text, p{  
    color:rgb(249, 250, 242)  
}
```

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(249, 250, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 250, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 4.081, 114.833 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(249, 250, 242) }
```

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

```
.border{ border-color:rgb(249, 250, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 250, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 250, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 250, 242);  
box-shadow:4px 4px 4px 4px rgb(249, 250,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 4.081, 114.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 250, 242) }
```

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

```
.background{ background-color: rgb(249,  
250, 242) }
```

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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