

Converting Colors

CIELCh(100, 40.426, 117.251)

Have a look what the booklet for
CIELCh(100, 40.426, 117.251)
contains.

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Color

CIElCh(98, 35.910, 113.565)

Conversions

Conversions Part 1

Format	Color
Hex	F6FFB9
RGB	246, 255, 185
RGB Percent	96%, 100%, 73%
CMY	0.0368, 0.0000, 0.2762
CMYK	0.04, 0.00, 0.28, 0.00
HSL	68°, 100%, 86%
HSV	68°, 28%, 100%
XYZ	82.5365, 94.9163, 59.6361
YIQ	244.3290, 17.1060, -23.6780

Conversions

Conversions Part 2

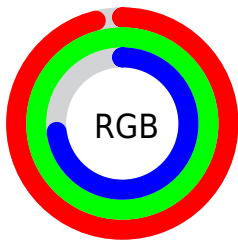
Format	Color
RYB	185, 255, 194
Decimal	16187321
CIELab	98.00, -14.36, 32.92
CIELCh	98, 35.910, 113.565
Yxy	94.9163, 0.3481, 0.4003
Android (android.graphics.Color)	4294377401 (0xFFFF6FFB9)
YUV	244.3290, -29.2492, 1.4655
Hunter-Lab	97.4250, -19.2721, 31.9047

Details

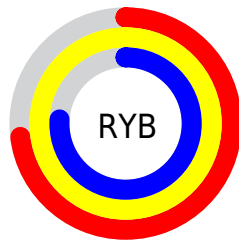
The CIELCh color **98, 35.910, 113.565** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78, 37.980, 298.017**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 7.086, 109.637**, and **78, 35.374, 112.864** is the 20% darker color. If you saturate the color by 10%, you get **97, 48.088, 112.498**, and if you desaturate by 10%, it is **99, 22.819, 114.044**.

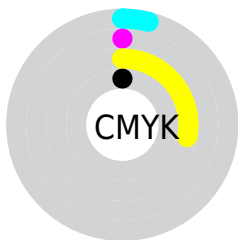
Distribution



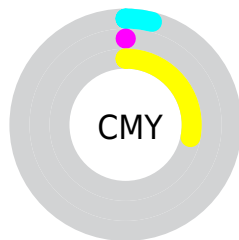
- Red (96%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (76%)



- Cyan (4%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 35.910, 113.565 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, 35.910, 113.565 by changing the saturation by 10% instead.


 98, 35.910,
113.565


 98, 35.910,
113.565


 100, 35.910,
113.565


 88, 35.910,
113.565

 78, 35.910,
113.565

 68, 35.910,
113.565

 58, 35.910,
113.565

 48, 35.910,
113.565

 38, 35.910,
113.565

 28, 35.910,

113.565

■ 18, 35.910,
113.565

■ 8, 35.910, 113.565

■ 98, 35.910,
113.565

■ 98, 35.910,
113.565

■ 97, 48.088,
112.498

■ 99, 22.819,
114.044

■ 97, 60.079,
111.785

■ 99, 9.885, 114.824

■ 96, 71.257,
111.165

100, 0.012,
296.813

■ 96, 81.163,
110.700

■ 95, 89.205,
110.463

■ 95, 94.790,
110.534

■ 95, 97.677,
110.954

■ 95, 98.146,
111.081

Harmonies

Complementary

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



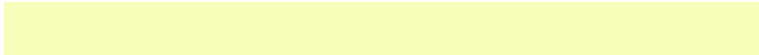
98, 35.910, 113.565



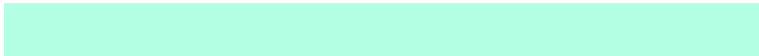
78, 37.980, 298.017

Rectangle

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



98, 35.910, 113.565



98, 35.910, 163.565



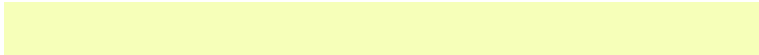
98, 35.910, 293.565



98, 35.910, 343.565

Sweetspot

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



98, 35.599, 113.262



99, 10.384, 114.794



83, 24.734, 31.187



53, 7.379, 114.678



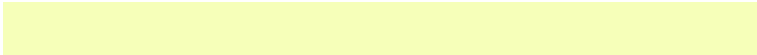
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

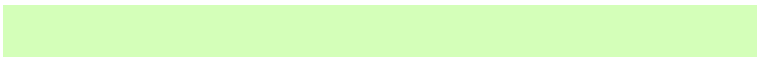
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 35.599, 113.262



97, 42.371, 112.846



96, 39.183, 131.770



53, 7.379, 114.678



73, 79.019, 110.946



25, 35.808, 110.266

Inverse Universe

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



78, 37.980, 298.017



74, 45.884, 298.660



81, 40.302, 314.252



49, 7.542, 296.187



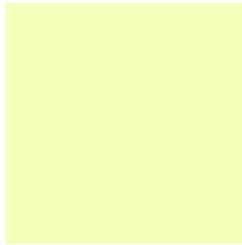
24, 106.940, 306.775



4, 44.428, 304.327

Previews

White Background



This preview shows how the CIELCh color 98, 35.910, 113.565 looks on a white background.

Color Contrast Check

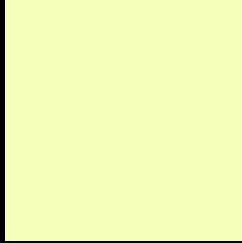
Large Text (above 18pt) WCAG AA × Fail

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, 35.910, 113.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

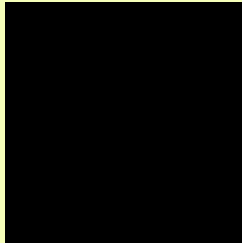
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 35.910, 113.565

Background



This preview shows how black text looks on a background with the CIELCh color 98, 35.910, 113.565.

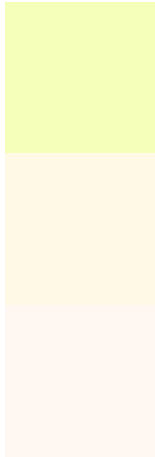


This preview shows how white text looks on a background with the CIELCh color 98, 35.910, 113.565.

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, 35.376, 113.071

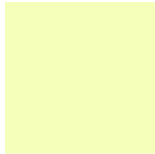
Protanopia
98, 10.382, 97.276

Deuteranopia
98, 3.799, 61.384

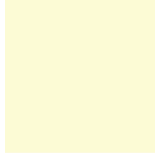


Tritanopia
98, 4.469, 313.399

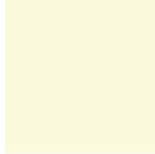
Trichromacy



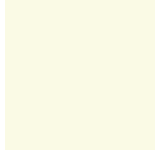
Original Color
98, 35.376, 113.071



Protanomaly
98, 19.267, 107.600

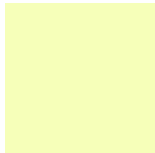


Deuteranomaly
98, 14.739, 106.196

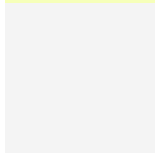


Tritanomaly
98, 10.670, 109.358

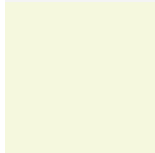
Monochromacy



Original Color
98, 35.376, 113.071



Achromatopsia
96, 0.011, 296.813



Achromatomaly
97, 13.284, 113.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 35.910, 113.565 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(246, 255, 185)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 185)  
}
```

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(246, 255, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 35.910, 113.565 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(246, 255, 185) }
```

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

```
.border{ border-color:rgb(246, 255, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 185);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 35.910, 113.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 185) }
```

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

```
.background{ background-color: rgb(246,  
255, 185) }
```

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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