

Converting Colors

CIELCh(98, 3.821, 137.125)

Have a look what the booklet for
CIELCh(98, 3.821, 137.125) contains.

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Color

CIELCh(98, 3.985, 136.122)

Conversions

Conversions Part 1

Format	Color
Hex	F6FBF4
RGB	246, 251, 244
RGB Percent	96%, 98%, 96%
CMY	0.0362, 0.0166, 0.0440
CMYK	0.02, 0.00, 0.03, 0.02
HSL	103°, 45%, 97%
HSV	103°, 3%, 98%
XYZ	88.6422, 94.9163, 99.0516
YIQ	248.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

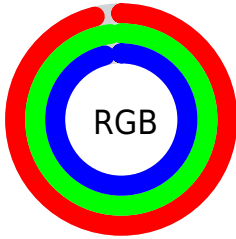
Format	Color
R_{YB}	244, 251, 249
Decimal	16186356
CIE Lab	98.00, -2.87, 2.76
CIE LCh	98, 3.985, 136.122
Yxy	94.9163, 0.3137, 0.3359
Android (android.graphics.Color)	4294376436 (0xFFFF6FBF4)
YUV	248.7070, -2.3206, -2.3740
Hunter-Lab	97.4250, -8.0854, 7.9175

Details

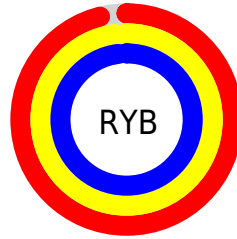
The CIELCh color 98, 3.985, 136.122 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 4.016, 316.253, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 4.183, 136.079 is the 20% darker color. If you saturate the color by 10%, you get 96, 18.391, 135.631, and if you desaturate by 10%, it is 99, 2.634, 324.416.

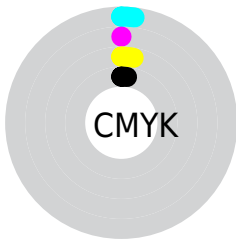
Distribution



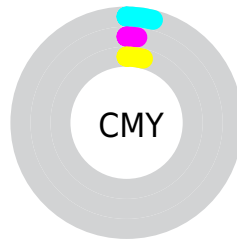
- Red (96%)
- Green (98%)
- Blue (96%)



- Red (96%)
- Yellow (98%)
- Blue (98%)



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



- Cyan (4%)
- Magenta (2%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 3.985, 136.122 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, 3.985, 136.122 by changing the saturation by 10% instead.

 98, 3.985, 136.122

 98, 3.985, 136.122

 100, 3.985,
136.122

 88, 3.985, 136.122

 78, 3.985, 136.122

 68, 3.985, 136.122

 58, 3.985, 136.122

 48, 3.985, 136.122

 38, 3.985, 136.122

 28, 3.985, 136.122

 18, 3.985, 136.122

 8, 3.985, 136.122

98, 3.985, 136.122

98, 3.985, 136.122

96, 18.391,
135.631

99, 2.634, 324.416

94, 32.839,
135.120

93, 47.176,
134.566

92, 61.187,
133.987

90, 74.571,
133.423

89, 86.914,
132.939

89, 97.669,
132.640

88, 106.203,
132.659

■ 87,111.999,
133.107

Harmonies

Complementary

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



98, 3.985, 136.122



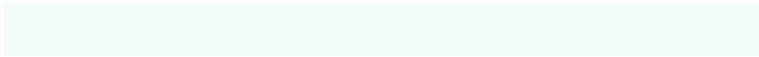
97, 4.016, 316.253

Rectangle

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



98, 3.985, 136.122



98, 3.985, 186.122



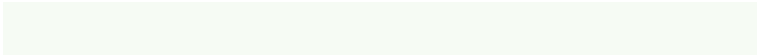
98, 3.985, 316.122



98, 3.985, 6.122

Sweetspot

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



98, 3.988, 136.128



100, 1.439, 136.303



98, 2.587, 93.260



53, 0.818, 136.313



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, 3.988, 136.128



99, 4.344, 136.115



98, 3.783, 150.450



52, 3.242, 136.070



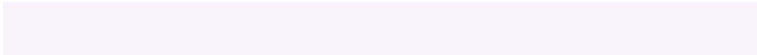
67, 92.323, 133.427



22, 40.119, 132.544

Inverse Universe

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



97, 4.016, 316.253



98, 4.374, 316.265



97, 3.804, 330.606



51, 3.263, 316.309



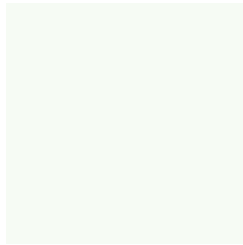
36, 95.245, 317.812



8, 42.820, 318.991

Previews

White Background



This preview shows how the CIE LCh color 98, 3.985, 136.122 looks on a white background.

Color Contrast Check

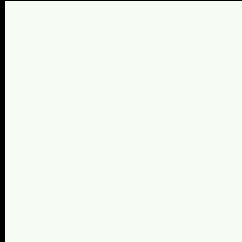
Large Text (above 18pt) WCAG AA × Fail

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, 3.985, 136.122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

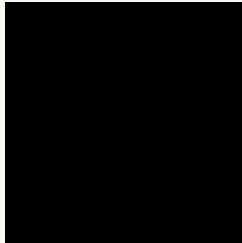
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

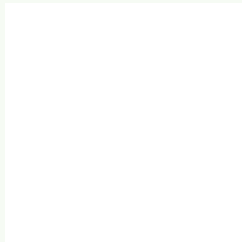
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 3.985, 136.122

Background



This preview shows how black text looks on a background with the CIELCh color 98, 3.985, 136.122.

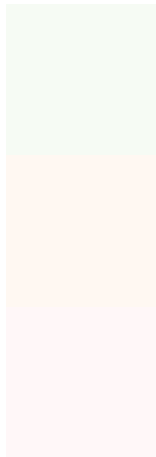


This preview shows how white text looks on a background with the CIELCh color 98, 3.985, 136.122.

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, 3.985, 136.122

Protanopia

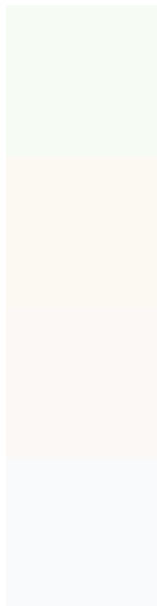
98, 3.919, 70.425

Deuteranopia

98, 2.876, 9.172

Tritanopia
98, 3.070, 290.433

Trichromacy



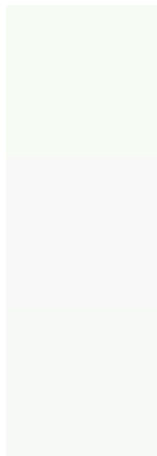
Original Color
98, 3.985, 136.122

Protanomaly
98, 3.215, 90.594

Deuteranomaly
98, 1.727, 55.172

Tritanomaly
98, 0.864, 236.461

Monochromacy



Original Color
98, 3.985, 136.122

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.681, 134.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 3.985, 136.122 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, 251, 244)` looks like.

```
.text, #text, p{  
    color:rgb(246, 251, 244)  
}
```

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, 251, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 251, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 3.985, 136.122 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, 251, 244) }
```

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

```
.border{ border-color:rgb(246, 251, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 251, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 251, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 251, 244);  
box-shadow:4px 4px 4px 4px rgb(246, 251,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 3.985, 136.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 251, 244) }
```

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

```
.background{ background-color: rgb(246,  
251, 244) }
```

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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