

Converting Colors

CIELCh(100, 13.197, 13.425)

Have a look what the booklet for
CIELCh(100, 13.197, 13.425)
contains.

| | |
|--|----|
| CIELCh(98, 3.791, 346.927) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(98, 3.791, 346.927)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFF7FB |
| RGB | 255, 247, 251 |
| RGB Percent | 100%, 97%, 98% |
| CMY | 0.0000, 0.0314, 0.0158 |
| CMYK | 0.00, 0.03, 0.02, 0.00 |
| HSL | 330°, 100%, 98% |
| HSV | 330°, 3%, 100% |
| XYZ | 92.2643, 94.9163, 104.7062 |
| YIQ | 249.8480, 3.4840, 2.9400 |

Conversions

Conversions Part 2

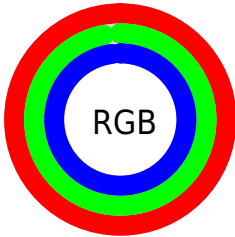
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 255, 247, 251 |
| Decimal | 16775163 |
| CIE _{Lab} | 98.00, 3.69, -0.86 |
| CIE _{LCh} | 98, 3.791, 346.927 |
| Yxy | 94.9163, 0.3161, 0.3252 |
| Android (android.graphics.Color) | 4294965243 (0xFFFFF7FB) |
| YUV | 249.8480, 0.5679, 4.5183 |
| Hunter-Lab | 97.4250, -1.4490, 4.4763 |

Details

The CIELCh color 98, 3.791, 346.927 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 3.473, 163.605, 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, 3.374, 340.150 is the 20% darker color. If you saturate the color by 10%, you get 91, 14.807, 344.823, and if you desaturate by 10%, it is 100, 0.012, 296.813.

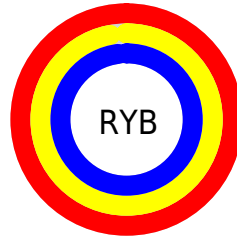
Distribution



Red (100%)

Green (97%)

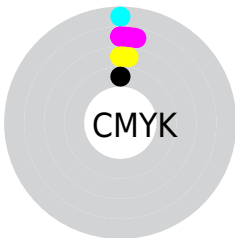
Blue (98%)



Red (100%)

Yellow (97%)

Blue (98%)

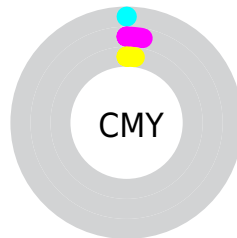


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 3.791, 346.927 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, 3.791, 346.927 by changing the saturation by 10% instead.

 98, 3.791, 346.927

 98, 3.791, 346.927

 100, 3.791,
346.927

 88, 3.791, 346.927

 78, 3.791, 346.927

 68, 3.791, 346.927


 58, 3.791, 346.927

 48, 3.791, 346.927

 38, 3.791, 346.927

 28, 3.791, 346.927

 18, 3.791, 346.927

 8, 3.791, 346.927

98, 3.791, 346.927

98, 3.791, 346.927

91, 14.807,
344.823

100, 0.012,
296.813

85, 26.318,
345.811

79, 37.846,
346.917

73, 49.093,
348.188

68, 59.629,
349.685

64, 68.900,
351.495

60, 76.303,
353.741

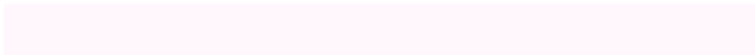
57, 81.346,
356.581

■ 56, 83.903, 0.180

Harmonies

Complementary

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



98, 3.791, 346.927



99, 3.473, 163.605

Rectangle

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



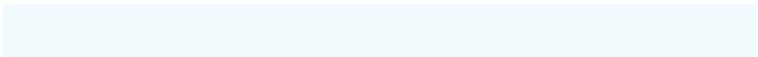
98, 3.791, 346.927



98, 3.791, 36.927



98, 3.791, 166.927



98, 3.791, 216.927

Sweetspot

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



98, 3.502, 343.843



99, 1.115, 343.369



98, 4.352, 309.174



53, 0.634, 343.342



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, 3.502, 343.843



97, 4.457, 343.944



98, 2.834, 19.363



52, 3.170, 344.025



41, 68.233, 2.242



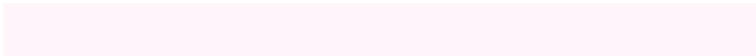
10, 31.856, 356.621

Inverse Universe

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



98, 3.502, 343.843



97, 4.457, 343.944



99, 2.777, 199.468



52, 3.170, 344.025



41, 68.233, 2.242



10, 31.856, 356.621

Previews

White Background



This preview shows how the CIE LCh color 98, 3.791, 346.927 looks on a white background.

Color Contrast Check

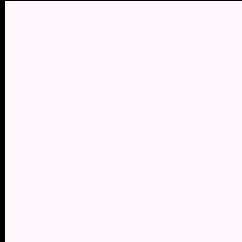
Large Text (above 18pt) WCAG AA × Fail

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, 3.791, 346.927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

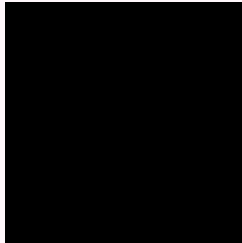
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 3.791, 346.927

Background



This preview shows how black text looks on a background with the CIELCh color 98, 3.791, 346.927.



This preview shows how white text looks on a background with the CIELCh color 98, 3.791, 346.927.

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, 3.497, 343.770

Protanopia

98, 2.348, 338.592

Deuteranopia

98, 3.223, 351.093

Tritanopia
98, 4.469, 313.399

Trichromacy



Original Color

98, 3.497, 343.770

Protanomaly

98, 2.623, 343.660

Deuteranomaly

98, 3.223, 351.093

Tritanomaly

98, 4.172, 320.556

Monochromacy



Original Color

98, 3.497, 343.770

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 1.181, 353.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 3.791, 346.927 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(255, 247, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 251)  
}
```

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(255, 247, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 3.791, 346.927 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(255, 247, 251) }
```

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

```
.border{ border-color:rgb(255, 247, 251) }
```

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

Here you see how a box with a 4 pixel rgb(255, 247, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 3.791, 346.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 251) }
```

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

```
.background{ background-color: rgb(255,  
247, 251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor