

# Converting Colors

CIELCh(98, 4.635, 322.187)

Have a look what the booklet for  
CIELCh(98, 4.635, 322.187) contains.

<b>CIELCh(98, 4.791, 321.097)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	21
<i><b>Color Blindness Simulation</b></i> .....	24
<i><b>CSS Examples</b></i> .....	27

# **Color**

**CIELCh(98, 4.791, 321.097)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEF7FF
RGB	254, 247, 255
RGB Percent	100%, 97%, 100%
CMY	0.0034, 0.0309, 0.0000
CMYK	0.00, 0.03, 0.00, 0.00
HSL	293°, 100%, 98%
HSV	293°, 3%, 100%
XYZ	92.2842, 94.9163, 108.1667
YIQ	250.0050, 1.6040, 3.9720

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 247, 255
Decimal	16709631
CIE <sub>Lab</sub>	98.00, 3.73, -3.01
CIE <sub>LCh</sub>	98, 4.791, 321.097
Yxy	94.9163, 0.3124, 0.3213
Android (android.graphics.Color)	4294899711 (0xFFFEF7FF)
YUV	250.0050, 2.4625, 3.5036
Hunter-Lab	97.4250, -1.4125, 2.3703

# Details

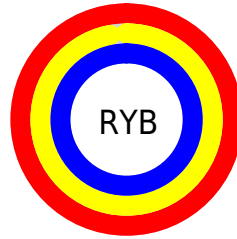
The CIELCh color 98, 4.791, 321.097 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 4.710, 141.299, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 4.373, 320.604 is the 20% darker color. If you saturate the color by 10%, you get 92, 20.203, 322.012, and if you desaturate by 10%, it is 100, 0.012, 296.813.

# Distribution



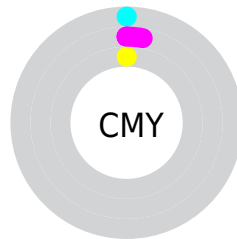
- Red (100%)
- Green (97%)
- Blue (100%)



- Red (100%)
- Yellow (97%)
- Blue (100%)



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



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

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 4.791, 321.097 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, 4.791, 321.097 by changing the saturation by 10% instead.



 98, 4.791, 321.097

 98, 4.791, 321.097

 100, 4.791,  
321.097

 88, 4.791, 321.097

 78, 4.791, 321.097

 68, 4.791, 321.097


 58, 4.791, 321.097

 48, 4.791, 321.097

 38, 4.791, 321.097

 28, 4.791, 321.097

 18, 4.791, 321.097

 8, 4.791, 321.097

98, 4.791, 321.097

98, 4.791, 321.097

92, 20.203,  
322.012

100, 0.012,  
296.813

85, 35.805,  
322.503

79, 51.299,  
322.975

74, 66.330,  
323.410

69, 80.410,  
323.782

64, 92.925,  
324.062

61, 103.202,  
324.217

58, 110.654,  
324.218

■ 56,114.999,  
324.047

# Harmonies

# Complementary

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



98, 4.791, 321.097



99, 4.710, 141.299

# Rectangle

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



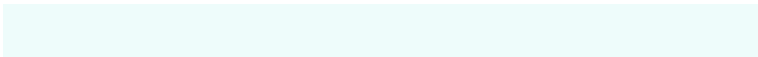
98, 4.791, 321.097



98, 4.791, 11.097



98, 4.791, 141.097



98, 4.791, 191.097

# Sweetspot

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



98, 4.735, 321.482



99, 1.537, 321.260



98, 3.569, 285.353



53, 0.874, 321.248



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, 4.735, 321.482



97, 6.135, 321.539



98, 3.737, 337.974



52, 4.362, 321.583



42, 93.818, 323.916



11, 43.104, 324.421

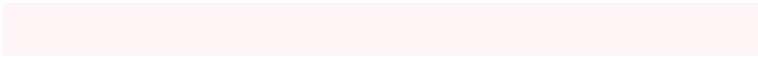


# Inverse Universe

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



98, 2.821, 10.250



97, 3.664, 10.379



99, 3.712, 157.754



51, 2.610, 10.471



40, 79.425, 35.357

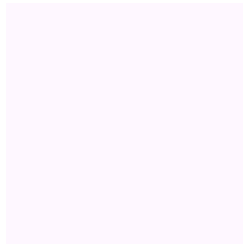


10, 32.524, 22.640



# Previews

## White Background



This preview shows how the CIE LCh color 98, 4.791, 321.097 looks on a white background.

## Color Contrast Check

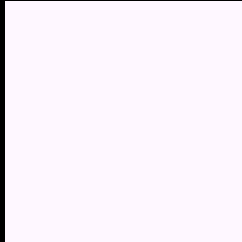
Large Text (above 18pt) WCAG AA × Fail

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, 4.791, 321.097 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

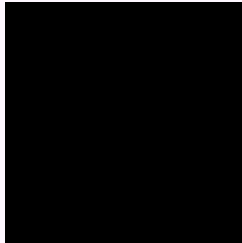
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**CIELCh 98, 4.791, 321.097**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 98, 4.791, 321.097.



This preview shows how white text looks on a background with the CIELCh color 98, 4.791, 321.097.

# 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, 4.791, 321.097

**Protanopia**  
98, 3.859, 311.595

**Deuteranopia**  
98, 3.497, 343.770



**Tritanopia**  
98, 3.859, 311.595

# Trichromacy



**Original Color**

98, 4.791, 321.097

**Protanomaly**

98, 4.002, 316.244

**Deuteranomaly**

98, 3.820, 337.601

**Tritanomaly**

98, 4.002, 316.244

# Monochromacy



**Original Color**

98, 4.791, 321.097

**Achromatopsia**

98, 0.011, 296.813

**Achromatomaly**

98, 1.700, 314.599

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 98, 4.791, 321.097 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(254, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 247, 255)  
}
```

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(254, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 247, 255) }
```

## Border

The CSS property to change the border of an element to CIELCh 98, 4.791, 321.097 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(254, 247, 255) }
```

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

```
.border{ border-color:rgb(254, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 247,  
255) }
```

# Background

The CSS property to change the background color of an element to CIELCh 98, 4.791, 321.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 247, 255) }
```

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

```
.background{ background-color: rgb(254,  
247, 255) }
```

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