

Converting Colors

CIELCh(98, 3.787, 327.229)

Have a look what the booklet for
CIELCh(98, 3.787, 327.229) contains.

CIELCh(98, 3.951, 328.687)	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, 3.951, 328.687)

Conversions

Conversions Part 1

Format	Color
Hex	FEF7FD
RGB	254, 247, 253
RGB Percent	100%, 97%, 99%
CMY	0.0029, 0.0303, 0.0068
CMYK	0.00, 0.03, 0.00, 0.00
HSL	309°, 83%, 98%
HSV	309°, 3%, 100%
XYZ	92.0870, 94.9163, 106.6207
YIQ	249.7770, 2.2460, 3.3500

Conversions

Conversions Part 2

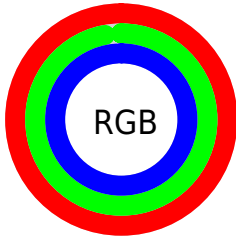
Format	Color
R _Y B	254, 247, 253
Decimal	16709629
CIE Lab	98.00, 3.38, -2.05
CIE LCh	98, 3.951, 328.687
Yxy	94.9163, 0.3136, 0.3233
Android (android.graphics.Color)	4294899709 (0xFFFEF7FD)
YUV	249.7770, 1.5889, 3.7036
Hunter-Lab	97.4250, -1.7738, 3.3113

Details

The CIELCh color 98, 3.951, 328.687 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 3.928, 148.538, 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, 3.493, 329.489 is the 20% darker color. If you saturate the color by 10%, you get 92, 18.399, 329.363, and if you desaturate by 10%, it is 100, 0.253, 202.011.

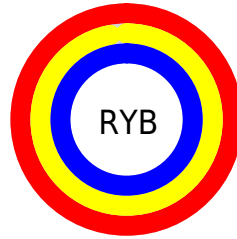
Distribution



Red (100%)

Green (97%)

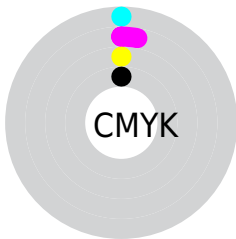
Blue (99%)



Red (100%)

Yellow (97%)

Blue (99%)

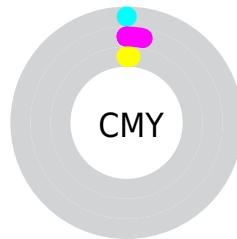


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 3.951, 328.687 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, 3.951, 328.687 by changing the saturation by 10% instead.

 98, 3.951, 328.687

 98, 3.951, 328.687

 100, 3.951,
328.687

 88, 3.951, 328.687

 78, 3.951, 328.687

 68, 3.951, 328.687

 58, 3.951, 328.687

 48, 3.951, 328.687

 38, 3.951, 328.687

 28, 3.951, 328.687

 18, 3.951, 328.687

 8, 3.951, 328.687

98, 3.951, 328.687

98, 3.951, 328.687

92, 18.399,
329.363

100, 0.253,
202.011

86, 32.929,
329.990

80, 47.276,
330.622

75, 61.063,
331.257

70, 73.782,
331.892

66, 84.824,
332.524

63, 93.553,
333.160

60, 99.455,
333.810

■ 59,102.339,
334.499

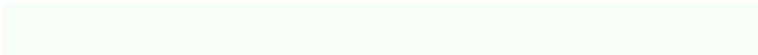
Harmonies

Complementary

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



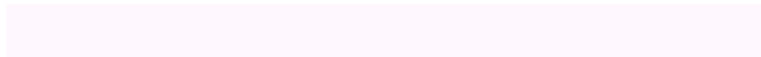
98, 3.951, 328.687



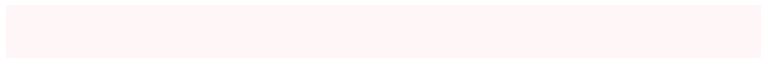
99, 3.928, 148.538

Rectangle

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



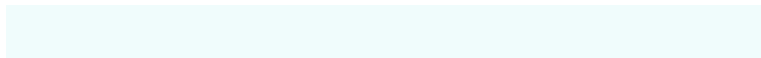
98, 3.951, 328.687



98, 3.951, 18.687



98, 3.951, 148.687



98, 3.951, 198.687

Sweetspot

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



98, 3.948, 328.689



99, 1.442, 328.431



98, 3.602, 295.627



53, 0.820, 328.415



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, 3.948, 328.689



98, 4.314, 328.712



98, 2.805, 351.565



52, 3.271, 328.777



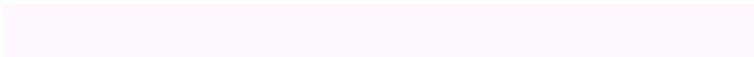
44, 83.212, 334.897



12, 38.795, 333.982

Inverse Universe

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



98, 3.948, 328.689



98, 4.314, 328.712



99, 2.775, 171.458



52, 3.271, 328.777



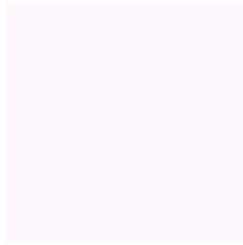
44, 83.212, 334.897



12, 38.795, 333.982

Previews

White Background



This preview shows how the CIE LCh color 98, 3.951, 328.687 looks on a white background.

Color Contrast Check

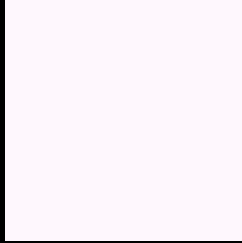
Large Text (above 18pt) WCAG AA × Fail

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, 3.951, 328.687 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, 3.951, 328.687

Background



This preview shows how black text looks on a background with the CIELCh color 98, 3.951, 328.687.



This preview shows how white text looks on a background with the CIELCh color 98, 3.951, 328.687.

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, 3.951, 328.687

Protanopia

98, 3.389, 314.707

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.859, 311.595

Trichromacy



Original Color

98, 3.951, 328.687

Protanomaly

98, 3.551, 319.833

Deuteranomaly

98, 3.820, 337.601

Tritanomaly

98, 3.551, 319.833

Monochromacy



Original Color

98, 3.951, 328.687

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 1.482, 335.469

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 3.951, 328.687 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(254, 247, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 247, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 3.951, 328.687 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, 253) }
```

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

```
.border{ border-color:rgb(254, 247, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 247, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 247, 253);  
box-shadow:4px 4px 4px 4px rgb(254, 247,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 3.951, 328.687 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, 253) }
```

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

```
.background{ background-color: rgb(254,  
247, 253) }
```

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