

Converting Colors

CIE LCh(98, 3.249, 330.620)

Have a look what the booklet for
CIELCh(98, 3.249, 330.620) contains.

CIELCh(98, 2.954, 335.690)	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, 2.954, 335.690)

Conversions

Conversions Part 1

Format	Color
Hex	FEF8FC
RGB	254, 248, 252
RGB Percent	100%, 97%, 99%
CMY	0.0054, 0.0289, 0.0132
CMYK	0.00, 0.02, 0.01, 0.01
HSL	320°, 69%, 98%
HSV	320°, 2%, 99%
XYZ	91.7059, 94.9163, 105.2778
YIQ	250.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 248, 252
Decimal	16709884
CIE Lab	98.00, 2.69, -1.22
CIE LCh	98, 2.954, 335.690
Yxy	94.9163, 0.3142, 0.3252
Android (android.graphics.Color)	4294899964 (0xFFFEF8FC)
YUV	250.2500, 0.8628, 3.2887
Hunter-Lab	97.4250, -2.4720, 4.1285

Details

The CIELCh color 98, 2.954, 335.690 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 2.930, 155.652, 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, 2.461, 338.670 is the 20% darker color. If you saturate the color by 10%, you get 92, 15.552, 336.538, and if you desaturate by 10%, it is 100, 0.475, 200.771.

Distribution



Red (100%)

Green (97%)

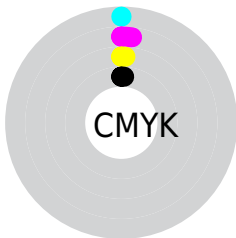
Blue (99%)



Red (100%)

Yellow (97%)

Blue (99%)

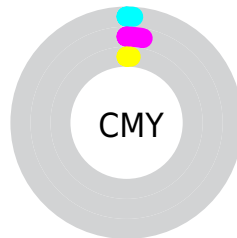


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (1%)



Cyan (1%)

Magenta (3%)

Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 2.954, 335.690 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, 2.954, 335.690 by changing the saturation by 10% instead.

 98, 2.954, 335.690

 98, 2.954, 335.690

 100, 2.954,
335.690

 88, 2.954, 335.690

 78, 2.954, 335.690

 68, 2.954, 335.690

 58, 2.954, 335.690

 48, 2.954, 335.690

 38, 2.954, 335.690

 28, 2.954, 335.690

 18, 2.954, 335.690

 8, 2.954, 335.690

98, 2.954, 335.690

98, 2.954, 335.690

92, 15.552,
336.538

100, 0.475,
200.771

85, 28.286,
337.326

80, 40.937,
338.169

74, 53.173,
339.086

69, 64.530,
340.101

65, 74.425,
341.252

61, 82.216,
342.593

58, 87.354,
344.201

■ 57, 89.603,
346.173

Harmonies

Complementary

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



98, 2.954, 335.690



99, 2.930, 155.652

Rectangle

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



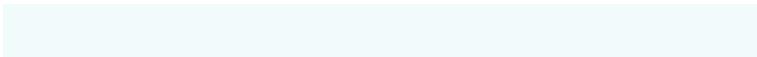
98, 2.954, 335.690



98, 2.954, 25.690



98, 2.954, 155.690



98, 2.954, 205.690

Sweetspot

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



98, 2.951, 335.699



99, 1.258, 335.413



98, 3.157, 303.153



53, 0.715, 335.392



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, 2.951, 335.699



98, 3.763, 335.774



98, 2.180, 5.749



52, 2.854, 335.854



42, 72.809, 347.496



11, 34.333, 344.456

Inverse Universe

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



98, 2.951, 335.699



98, 3.763, 335.774



99, 2.150, 185.910



52, 2.854, 335.854



42, 72.809, 347.496



11, 34.333, 344.456

Previews

White Background



This preview shows how the CIE LCh color 98, 2.954, 335.690 looks on a white background.

Color Contrast Check

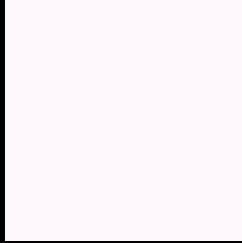
Large Text (above 18pt) WCAG AA × Fail

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, 2.954, 335.690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

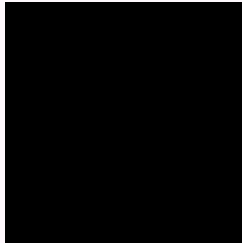
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 2.954, 335.690

Background



This preview shows how black text looks on a background with the CIELCh color 98, 2.954, 335.690.



This preview shows how white text looks on a background with the CIELCh color 98, 2.954, 335.690.

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, 2.954, 335.690

Protanopia

98, 2.713, 330.516

Deuteranopia

98, 3.223, 351.093

Tritanopia
98, 3.859, 311.595

Trichromacy



Original Color

98, 2.954, 335.690

Protanomaly

98, 2.713, 330.516

Deuteranomaly

98, 3.497, 343.770

Tritanomaly

98, 3.551, 319.833

Monochromacy



Original Color

98, 2.954, 335.690

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 1.254, 324.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 2.954, 335.690 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, 248, 252)` looks like.

```
.text, #text, p{  
    color:rgb(254, 248, 252)  
}
```

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, 248, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 248, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 2.954, 335.690 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, 248, 252) }
```

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

```
.border{ border-color:rgb(254, 248, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 248, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 248, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 248, 252);  
box-shadow:4px 4px 4px 4px rgb(254, 248,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 2.954, 335.690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 248, 252) }
```

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

```
.background{ background-color: rgb(254,  
248, 252) }
```

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