

Converting Colors

CIELCh(100, 9.840, 2.738)

Have a look what the booklet for
CIELCh(100, 9.840, 2.738) contains.

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Color

CIELCh(98, 3.328, 329.426)

Conversions

Conversions Part 1

Format	Color
Hex	FEF8FD
RGB	254, 248, 253
RGB Percent	100%, 97%, 99%
CMY	0.0057, 0.0291, 0.0096
CMYK	0.00, 0.02, 0.00, 0.01
HSL	310°, 67%, 98%
HSV	310°, 2%, 99%
XYZ	91.8025, 94.9163, 106.0410
YIQ	250.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 248, 253
Decimal	16709885
CIE Lab	98.00, 2.87, -1.69
CIE LCh	98, 3.328, 329.426
Yxy	94.9163, 0.3136, 0.3242
Android (android.graphics.Color)	4294899965 (0xFFFEF8FD)
YUV	250.3640, 1.2995, 3.1888
Hunter-Lab	97.4250, -2.2952, 3.6640

Details

The CIELCh color 98, 3.328, 329.426 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 3.305, 149.358, 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, 2.843, 330.577 is the 20% darker color. If you saturate the color by 10%, you get 92, 17.498, 330.131, and if you desaturate by 10%, it is 100, 0.501, 200.696.

Distribution



Red (100%)

Green (97%)

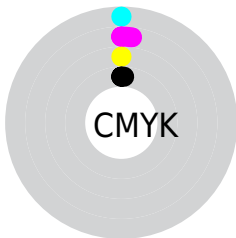
Blue (99%)



Red (100%)

Yellow (97%)

Blue (99%)

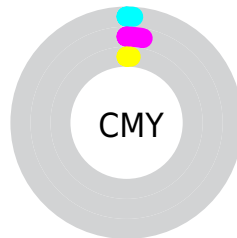


Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (1%)



Cyan (1%)

Magenta (3%)

Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 3.328, 329.426 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, 3.328, 329.426 by changing the saturation by 10% instead.

 98, 3.328, 329.426

 98, 3.328, 329.426

 100, 3.328,
329.426

 88, 3.328, 329.426

 78, 3.328, 329.426

 68, 3.328, 329.426

 58, 3.328, 329.426

 48, 3.328, 329.426

 38, 3.328, 329.426

 28, 3.328, 329.426

 18, 3.328, 329.426

 8, 3.328, 329.426

98, 3.328, 329.426

98, 3.328, 329.426

92, 17.498,
330.131

100, 0.501,
200.696

86, 31.761,
330.774

80, 45.864,
331.427

75, 59.438,
332.090

70, 71.988,
332.763

66, 82.910,
333.447

62, 91.565,
334.152

60, 97.427,
334.897

■ 58,100.281,
335.708

Harmonies

Complementary

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



98, 3.328, 329.426



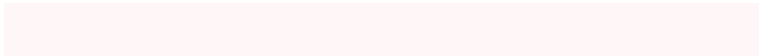
99, 3.305, 149.358

Rectangle

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



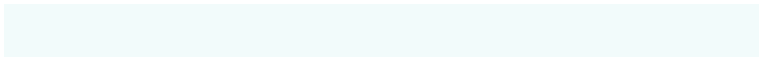
98, 3.328, 329.426



98, 3.328, 19.426



98, 3.328, 149.426



98, 3.328, 199.426

Sweetspot

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



98, 3.325, 329.429



99, 1.418, 329.201



98, 3.092, 296.877



53, 0.806, 329.185



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, 3.325, 329.429



98, 4.242, 329.491



98, 2.355, 353.672



52, 3.217, 329.557



44, 81.704, 336.221



12, 38.171, 335.102

Inverse Universe

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



98, 3.325, 329.429



98, 4.242, 329.491



99, 2.329, 173.716



52, 3.217, 329.557



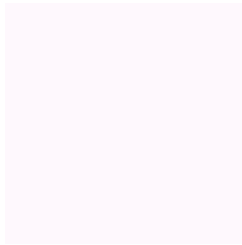
44, 81.704, 336.221



12, 38.171, 335.102

Previews

White Background



This preview shows how the CIE LCh color 98, 3.328, 329.426 looks on a white background.

Color Contrast Check

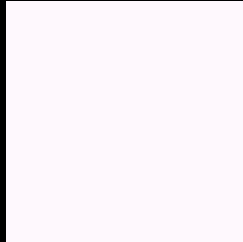
Large Text (above 18pt) WCAG AA × Fail

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, 3.328, 329.426 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, 3.328, 329.426

Background



This preview shows how black text looks on a background with the CIELCh color 98, 3.328, 329.426.



This preview shows how white text looks on a background with the CIELCh color 98, 3.328, 329.426.

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, 3.330, 329.427

Protanopia

98, 2.933, 318.815

Deuteranopia

98, 3.223, 351.093

Tritanopia
98, 3.744, 306.635

Trichromacy



Original Color

98, 3.330, 329.427

Protanomaly

98, 3.118, 324.453

Deuteranomaly

98, 3.218, 340.064

Tritanomaly

98, 3.389, 314.707

Monochromacy



Original Color

98, 3.330, 329.427

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, 3.328, 329.426 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(254, 248, 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, 248, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 248, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 3.328, 329.426 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, 253) }
```

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

```
.border{ border-color:rgb(254, 248, 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, 248, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 248, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 248, 253);  
box-shadow:4px 4px 4px 4px rgb(254, 248,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 3.328, 329.426 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, 253) }
```

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

```
.background{ background-color: rgb(254,  
248, 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](#).

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