

Converting Colors

CIE LCh(98, 3.153, 305.670)

Have a look what the booklet for
CIELCh(98, 3.153, 305.670) contains.

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Color

CIELCh(98, 3.258, 309.128)

Conversions

Conversions Part 1

Format	Color
Hex	FBF8FE
RGB	251, 248, 254
RGB Percent	98%, 97%, 100%
CMY	0.0152, 0.0269, 0.0034
CMYK	0.01, 0.02, 0.00, 0.00
HSL	270°, 78%, 98%
HSV	270°, 2%, 100%
XYZ	91.3522, 94.9163, 107.3858
YIQ	249.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

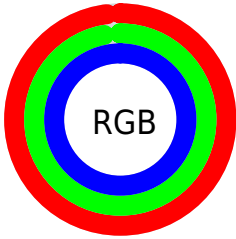
Format	Color
R_{YB}	251, 248, 254
Decimal	16513278
CIE _{Lab}	98.00, 2.06, -2.53
CIE _{LCh}	98, 3.258, 309.128
Yxy	94.9163, 0.3111, 0.3232
Android (android.graphics.Color)	4294703358 (0xFFFBF8FE)
YUV	249.5810, 2.1786, 1.2445
Hunter-Lab	97.4250, -3.1201, 2.8456

Details

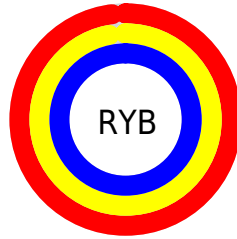
The CIELCh color 98, 3.258, 309.128 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 3.223, 128.997, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 2.914, 312.536 is the 20% darker color. If you saturate the color by 10%, you get 91, 17.262, 309.614, and if you desaturate by 10%, it is 100, 0.426, 109.964.

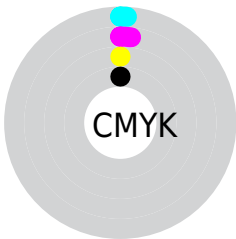
Distribution



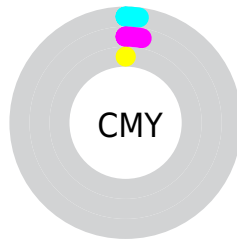
- Red (98%)
- Green (97%)
- Blue (100%)



- Red (98%)
- Yellow (97%)
- Blue (100%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 3.258, 309.128 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, 3.258, 309.128 by changing the saturation by 10% instead.

 98, 3.258, 309.128

 98, 3.258, 309.128

100, 3.258,
309.128

 88, 3.258, 309.128

 78, 3.258, 309.128

 68, 3.258, 309.128

 58, 3.258, 309.128

 48, 3.258, 309.128

 38, 3.258, 309.128

 28, 3.258, 309.128

 18, 3.258, 309.128

 8, 3.258, 309.128

98, 3.258, 309.128

98, 3.258, 309.128

91, 17.262,
309.614

100, 0.426,
109.964

84, 31.662,
310.123

77, 46.381,
310.662

70, 61.269,
311.213

63, 76.055,
311.744

57, 90.275,
312.200

51, 103.210,
312.500

46, 113.889,
312.535

■ 43,121.300,
312.187

Harmonies

Complementary

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



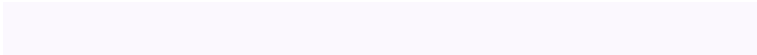
98, 3.258, 309.128



99, 3.223, 128.997

Rectangle

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



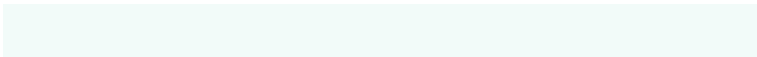
98, 3.258, 309.128



98, 3.258, 359.128



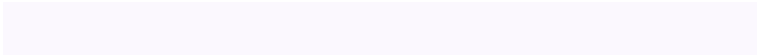
98, 3.258, 129.128



98, 3.258, 179.128

Sweetspot

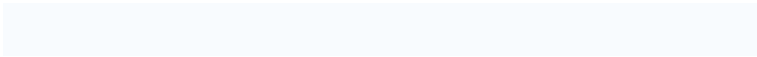
The Sweet Spot groups the original color and five complimentary colors.



98, 3.255, 309.116



99, 1.387, 308.998



99, 1.821, 254.128



53, 0.789, 308.990



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, 3.255, 309.116



98, 4.151, 309.153



98, 3.716, 324.045



52, 3.149, 309.196



30, 100.540, 311.862



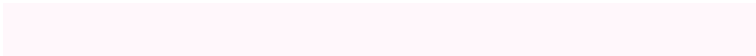
6, 44.901, 312.867

Inverse Universe

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



98, 2.623, 343.640



98, 3.344, 343.732



99, 3.695, 143.952



52, 2.537, 343.830



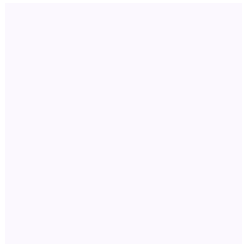
41, 68.251, 2.079



10, 31.872, 356.485

Previews

White Background



This preview shows how the CIE LCh color 98, 3.258, 309.128 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, 3.258, 309.128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

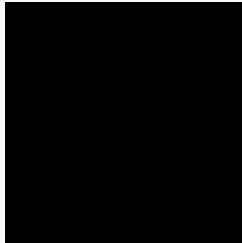
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

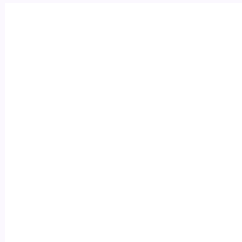
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 3.258, 309.128

Background



This preview shows how black text looks on a background with the CIELCh color 98, 3.258, 309.128.



This preview shows how white text looks on a background with the CIELCh color 98, 3.258, 309.128.

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, 3.258, 309.128

Protanopia

98, 3.389, 314.707

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.744, 306.635

Trichromacy



Original Color

98, 3.258, 309.128

Protanomaly

98, 3.389, 314.707

Deuteranomaly

98, 3.567, 333.789

Tritanomaly

98, 3.744, 306.635

Monochromacy



Original Color

98, 3.258, 309.128

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 1.584, 303.067

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 3.258, 309.128 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(251, 248, 254)` looks like.

```
.text, #text, p{  
    color:rgb(251, 248, 254)  
}
```

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(251, 248, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 248, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 3.258, 309.128 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(251, 248, 254) }
```

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

```
.border{ border-color:rgb(251, 248, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 248, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 248, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 248, 254);  
box-shadow:4px 4px 4px 4px rgb(251, 248,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 3.258, 309.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 248, 254) }
```

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

```
.background{ background-color: rgb(251,  
248, 254) }
```

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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