

Converting Colors

CIE LCh(98, 1.109, 311.513)

Have a look what the booklet for
CIELCh(98, 1.109, 311.513) contains.

CIELCh(98, 1.093, 308.975)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(98, 1.093, 308.975)

Conversions

Conversions Part 1

Format	Color
Hex	FAF9FB
RGB	250, 249, 251
RGB Percent	98%, 98%, 98%
CMY	0.0202, 0.0241, 0.0162
CMYK	0.00, 0.01, 0.00, 0.02
HSL	270°, 19%, 98%
HSV	270°, 1%, 98%
XYZ	90.5942, 94.9163, 104.6938
YIQ	249.5270, -0.0460, 0.8340

Conversions

Conversions Part 2

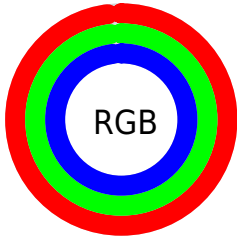
Format	Color
R_{YB}	250, 249, 251
Decimal	16447995
CIE _{Lab}	98.00, 0.69, -0.85
CIE _{LCh}	98, 1.093, 308.975
Yxy	94.9163, 0.3122, 0.3271
Android (android.graphics.Color)	4294638075 (0xFFFAF9FB)
YUV	249.5270, 0.7262, 0.4148
Hunter-Lab	97.4250, -4.5088, 4.4839

Details

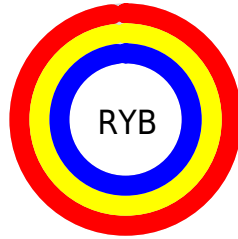
The CIELCh color 98, 1.093, 308.975 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 1.067, 129.127, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 1.144, 309.011 is the 20% darker color. If you saturate the color by 10%, you get 91, 14.884, 309.512, and if you desaturate by 10%, it is 100, 2.089, 109.985.

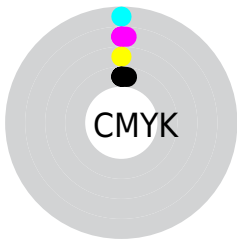
Distribution



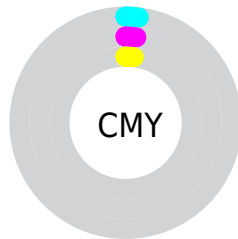
- Red (98%)
- Green (98%)
- Blue (98%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 1.093, 308.975 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, 1.093, 308.975 by changing the saturation by 10% instead.

 98, 1.093, 308.975

 98, 1.093, 308.975

100, 1.093,
308.975

 88, 1.093, 308.975

 78, 1.093, 308.975

 68, 1.093, 308.975

 58, 1.093, 308.975

 48, 1.093, 308.975

 38, 1.093, 308.975

 28, 1.093, 308.975

 18, 1.093, 308.975

 8, 1.093, 308.975

98, 1.093, 308.975

98, 1.093, 308.975

91, 14.884,
309.512

100, 2.089,
109.985

84, 29.073,
310.016

77, 43.595,
310.551

70, 58.315,
311.103

63, 72.988,
311.640

57, 87.192,
312.114

51, 100.261,
312.446

46, 111.266,
312.534

■ 43,119.186,
312.256

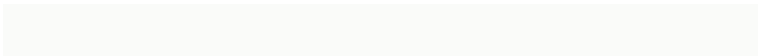
Harmonies

Complementary

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



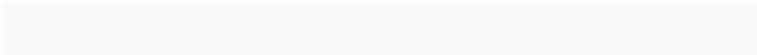
98, 1.093, 308.975



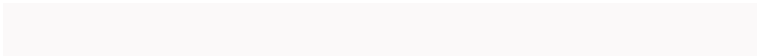
98, 1.067, 129.127

Rectangle

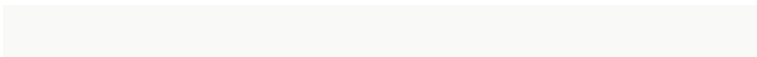
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 1.093, 308.975



98, 1.093, 358.975



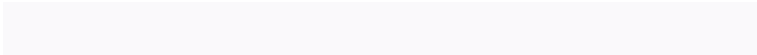
98, 1.093, 128.975



98, 1.093, 178.975

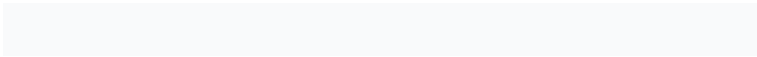
Sweetspot

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



98, 1.090, 308.937

100, 0.012, 296.813



98, 0.613, 254.422



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

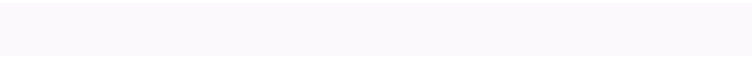
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 1.090, 308.937



99, 1.387, 308.972



98, 1.245, 323.801



52, 0.776, 308.964



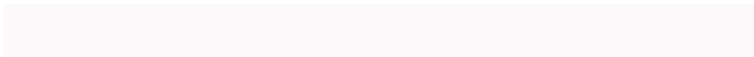
30, 99.546, 311.856



6, 43.244, 312.655

Inverse Universe

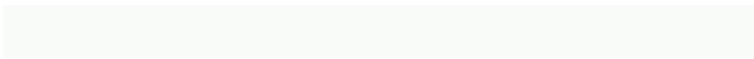
The Inverse Universe completely reimagines the original color for something new.



98, 0.878, 343.111



99, 1.117, 343.239



98, 1.224, 144.202



52, 0.625, 343.211



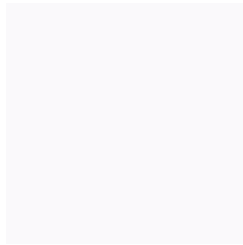
41, 67.584, 1.966



10, 31.075, 356.131

Previews

White Background



This preview shows how the CIELCh color 98, 1.093, 308.975 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, 1.093, 308.975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

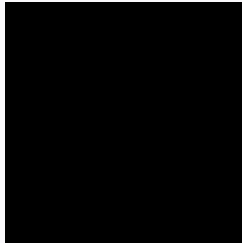
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

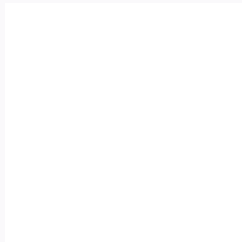
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 1.093, 308.975

Background



This preview shows how black text looks on a background with the CIELCh color 98, 1.093, 308.975.



This preview shows how white text looks on a background with the CIELCh color 98, 1.093, 308.975.

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, 1.093, 308.975

Protanopia

98, 2.047, 349.333

Deuteranopia

98, 3.223, 351.093

Tritanopia
98, 3.658, 301.411

Trichromacy

Original Color

98, 1.093, 308.975

Protanomaly

98, 1.752, 343.506

Deuteranomaly

98, 2.047, 349.333

Tritanomaly

98, 2.664, 305.560

Monochromacy

Original Color

98, 1.093, 308.975

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 0.521, 290.362

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 1.093, 308.975 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(250, 249, 251)` looks like.

```
.text, #text, p{  
    color:rgb(250, 249, 251)  
}
```

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(250, 249, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 249, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 1.093, 308.975 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(250, 249, 251) }
```

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

```
.border{ border-color:rgb(250, 249, 251) }
```

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

Here you see how a box with a 4 pixel rgb(250, 249, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 249, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 249, 251);  
box-shadow:4px 4px 4px 4px rgb(250, 249,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 1.093, 308.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 249, 251) }
```

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

```
.background{ background-color: rgb(250,  
249, 251) }
```

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