

Converting Colors

CIELCh(100, 35.901, 293.350)

Have a look what the booklet for
CIELCh(100, 35.901, 293.350)
contains.

CIELCh(98, 3.094, 296.876)	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, 3.094, 296.876)

Conversions

Conversions Part 1

Format	Color
Hex	FAF9FF
RGB	250, 249, 255
RGB Percent	98%, 98%, 100%
CMY	0.0213, 0.0252, 0.0017
CMYK	0.02, 0.02, 0.00, 0.00
HSL	250°, 87%, 99%
HSV	250°, 2%, 100%
XYZ	90.9876, 94.9163, 107.7624
YIQ	249.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

Format	Color
R _Y B	250, 249, 255
Decimal	16447999
CIE _{Lab}	98.00, 1.40, -2.76
CIE _{LCh}	98, 3.094, 296.876
Y _{xy}	94.9163, 0.3098, 0.3232
Android (android.graphics.Color)	4294638079 (0xFFFAF9FF)
Y _{UV}	249.9830, 2.4734, 0.0149
Hunter-Lab	97.4250, -3.7881, 2.6164

Details

The CIELCh color 98, 3.094, 296.876 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 100, 3.054, 116.513, 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, 2.713, 298.159 is the 20% darker color. If you saturate the color by 10%, you get 90, 16.494, 297.653, and if you desaturate by 10%, it is 100, 0.210, 109.795.

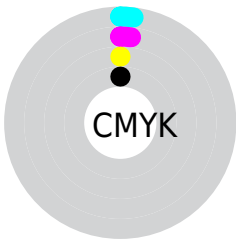
Distribution



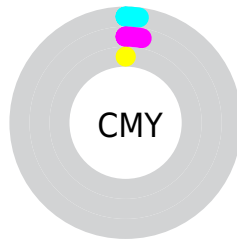
- Red (98%)
- Green (98%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 3.094, 296.876 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, 3.094, 296.876 by changing the saturation by 10% instead.

98, 3.094, 296.876

98, 3.094, 296.876

100, 3.094,
296.876

88, 3.094, 296.876

78, 3.094, 296.876

68, 3.094, 296.876

58, 3.094, 296.876

48, 3.094, 296.876

38, 3.094, 296.876

28, 3.094, 296.876

18, 3.094, 296.876

8, 3.094, 296.876

98, 3.094, 296.876

98, 3.094, 296.876

90, 16.494,
297.653

100, 0.210,
109.795

82, 30.436,
298.581

74, 44.932,
299.649

66, 59.961,
300.862

59, 75.407,
302.204

51, 90.959,
303.620

45, 105.915,
304.994

39, 118.966,
306.126

■ 35,128.275,
306.762

Harmonies

Complementary

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



98, 3.094, 296.876



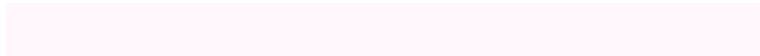
100, 3.054, 116.513

Rectangle

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



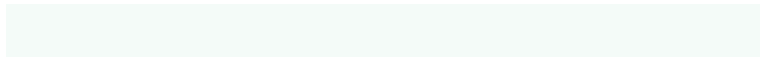
98, 3.094, 296.876



98, 3.094, 346.876



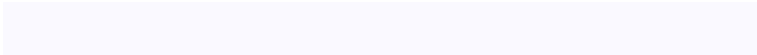
98, 3.094, 116.876



98, 3.094, 166.876

Sweetspot

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



98, 3.092, 296.854



99, 1.318, 296.755



99, 1.821, 214.213



53, 0.750, 296.752



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, 3.092, 296.854



98, 3.946, 296.902



98, 3.370, 314.168



52, 2.994, 296.962



24, 106.600, 306.982



4, 44.491, 304.909

Inverse Universe

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



98, 3.327, 329.407



98, 4.244, 329.469



99, 3.341, 134.093



52, 3.218, 329.535



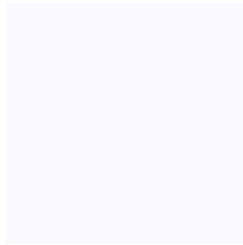
44, 81.745, 336.183



12, 38.188, 335.070

Previews

White Background



This preview shows how the CIE LCh color 98, 3.094, 296.876 looks on a white background.

Color Contrast Check

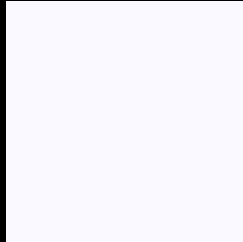
Large Text (above 18pt) WCAG AA × Fail

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, 3.094, 296.876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

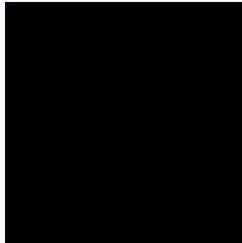
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 3.094, 296.876

Background



This preview shows how black text looks on a background with the CIELCh color 98, 3.094, 296.876.



This preview shows how white text looks on a background with the CIELCh color 98, 3.094, 296.876.

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, 3.094, 296.876

Protanopia

98, 3.389, 314.707

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.658, 301.411

Trichromacy



Original Color

98, 3.094, 296.876

Protanomaly

98, 3.258, 309.128

Deuteranomaly

98, 2.713, 330.516

Tritanomaly

98, 3.658, 301.411

Monochromacy



Original Color

98, 3.094, 296.876

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, 3.094, 296.876 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 249, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 249, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 3.094, 296.876 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, 255) }
```

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

```
.border{ border-color:rgb(250, 249, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 249,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 3.094, 296.876 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, 255) }
```

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

```
.background{ background-color: rgb(250,  
249, 255) }
```

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