

Converting Colors

CIELCh(100, 30.457, 292.862)

Have a look what the booklet for
CIELCh(100, 30.457, 292.862)
contains.

CIELCh(98, 2.586, 298.122)	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, 2.586, 298.122)

Conversions

Conversions Part 1

Format	Color
Hex	FAF9FE
RGB	250, 249, 254
RGB Percent	98%, 98%, 100%
CMY	0.0210, 0.0249, 0.0054
CMYK	0.02, 0.02, 0.00, 0.01
HSL	252°, 65%, 98%
HSV	252°, 2%, 99%
XYZ	90.8881, 94.9163, 106.9872
YIQ	249.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

Format	Color
R_{YB}	250, 249, 254
Decimal	16447998
CIE _{Lab}	98.00, 1.22, -2.28
CIE _{LCh}	98, 2.586, 298.122
Yxy	94.9163, 0.3104, 0.3242
Android (android.graphics.Color)	4294638078 (0xFFFAF9FE)
YUV	249.8690, 2.0366, 0.1149
Hunter-Lab	97.4250, -3.9705, 3.0882

Details

The CIELCh color 98, 2.586, 298.122 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 2.551, 117.840, 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, 2.184, 300.020 is the 20% darker color. If you saturate the color by 10%, you get 90, 15.962, 298.847, and if you desaturate by 10%, it is 100, 0.682, 110.013.

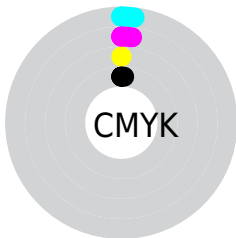
Distribution



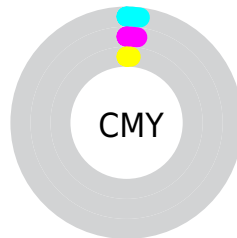
- Red (98%)
- Green (98%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 2.586, 298.122 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, 2.586, 298.122 by changing the saturation by 10% instead.

 98, 2.586, 298.122

 98, 2.586, 298.122

100, 2.586,
298.122

 88, 2.586, 298.122

 78, 2.586, 298.122

 68, 2.586, 298.122

 58, 2.586, 298.122

 48, 2.586, 298.122

 38, 2.586, 298.122

 28, 2.586, 298.122

 18, 2.586, 298.122

 8, 2.586, 298.122

98, 2.586, 298.122

98, 2.586, 298.122

90, 15.962,
298.847

100, 0.682,
110.013

82, 29.868,
299.710

75, 44.311,
300.698

67, 59.260,
301.814

59, 74.593,
303.039

52, 89.997,
304.321

45, 104.794,
305.553

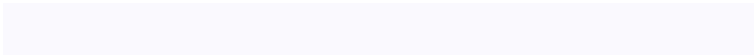
40, 117.746,
306.550

■ 36, 127.124,
307.078

Harmonies

Complementary

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



98, 2.586, 298.122



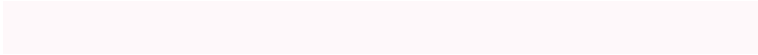
99, 2.551, 117.840

Rectangle

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



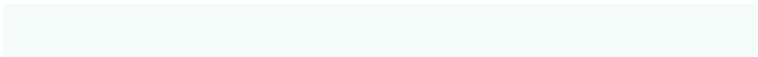
98, 2.586, 298.122



98, 2.586, 348.122



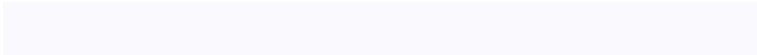
98, 2.586, 118.122



98, 2.586, 168.122

Sweetspot

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



98, 2.584, 298.096



99, 1.322, 298.025



99, 1.487, 218.031



53, 0.752, 298.021



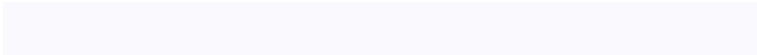
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



98, 2.584, 298.096



98, 2.638, 298.099



98, 2.833, 315.212



53, 1.500, 298.092



24, 106.194, 307.236



4, 44.557, 305.534

Inverse Universe

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



98, 2.707, 330.491



99, 2.764, 330.496



99, 2.807, 135.198



53, 1.572, 330.482



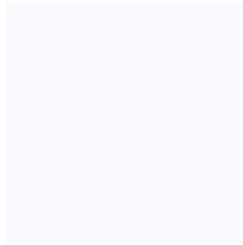
43, 79.720, 338.144



11, 37.342, 336.718

Previews

White Background



This preview shows how the CIE LCh color 98, 2.586, 298.122 looks on a white background.

Color Contrast Check

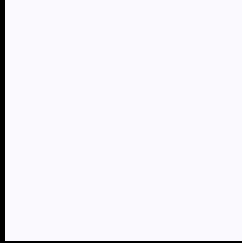
Large Text (above 18pt) WCAG AA × Fail

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, 2.586, 298.122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

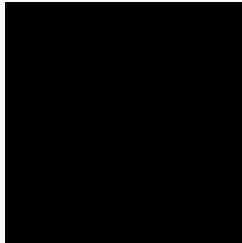
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

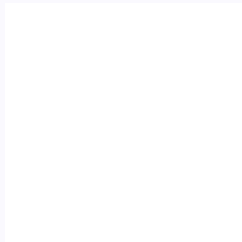
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 2.586, 298.122

Background



This preview shows how black text looks on a background with the CIELCh color 98, 2.586, 298.122.



This preview shows how white text looks on a background with the CIELCh color 98, 2.586, 298.122.

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, 2.588, 298.122

Protanopia

98, 2.933, 318.815

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.658, 301.411

Trichromacy



Original Color

98, 2.588, 298.122

Protanomaly

98, 2.780, 312.501

Deuteranomaly

98, 2.713, 330.516

Tritanomaly

98, 3.658, 301.411

Monochromacy



Original Color

98, 2.588, 298.122

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 0.521, 290.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 2.586, 298.122 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(250, 249, 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(250, 249, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 249, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 2.586, 298.122 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, 254) }
```

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

```
.border{ border-color:rgb(250, 249, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 249, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 249, 254);  
box-shadow:4px 4px 4px 4px rgb(250, 249,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 2.586, 298.122 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, 254) }
```

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

```
.background{ background-color: rgb(250,  
249, 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](#).

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