

Converting Colors

CIELCh(98, 2.942, 155.638)

Have a look what the booklet for
CIELCh(98, 2.942, 155.638) contains.

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Color

CIELCh(98, 2.939, 155.639)

Conversions

Conversions Part 1

Format	Color
Hex	F5FBF7
RGB	245, 251, 247
RGB Percent	96%, 98%, 97%
CMY	0.0401, 0.0166, 0.0323
CMYK	0.02, 0.00, 0.02, 0.02
HSL	140°, 41%, 97%
HSV	140°, 2%, 98%
XYZ	88.7484, 94.9163, 101.4472
YIQ	248.7500, -2.2920, -2.5160

Conversions

Conversions Part 2

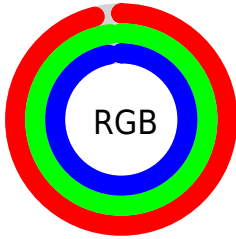
Format	Color
R_{YB}	245, 250, 251
Decimal	16120823
CIE _{Lab}	98.00, -2.68, 1.21
CIE _{LCh}	98, 2.939, 155.639
Yxy	94.9163, 0.3113, 0.3329
Android (android.graphics.Color)	4294310903 (0xFFFF5FBF7)
YUV	248.7500, -0.8628, -3.2887
Hunter-Lab	97.4250, -7.8907, 6.4597

Details

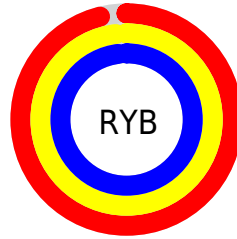
The CIELCh color **98, 2.939, 155.639** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97, 2.963, 335.685**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 3.086, 155.563** is the 20% darker color. If you saturate the color by 10%, you get **96, 15.343, 154.760**, and if you desaturate by 10%, it is **99, 2.637, 324.416**.

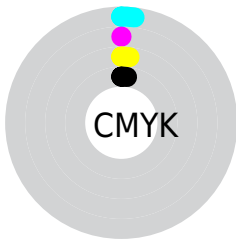
Distribution



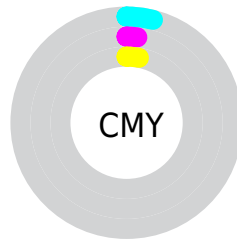
- Red (96%)
- Green (98%)
- Blue (97%)



- Red (96%)
- Yellow (98%)
- Blue (98%)



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



- Cyan (4%)
- Magenta (2%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 2.939, 155.639 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, 2.939, 155.639 by changing the saturation by 10% instead.

 98, 2.939, 155.639

 98, 2.939, 155.639

 100, 2.939,
155.639

 88, 2.939, 155.639

 78, 2.939, 155.639

 68, 2.939, 155.639

 58, 2.939, 155.639

 48, 2.939, 155.639

 38, 2.939, 155.639

 28, 2.939, 155.639

 18, 2.939, 155.639

 8, 2.939, 155.639

98, 2.939, 155.639

98, 2.939, 155.639

96, 15.343,
154.760

99, 2.637, 324.416

94, 27.762,
153.886

92, 40.034,
152.892


91, 51.955,
151.751

90, 63.298,
150.440

89, 73.828,
148.939

88, 83.328,
147.241

87, 91.631,
145.357

 87, 98.646,
143.333

Harmonies

Complementary

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



98, 2.939, 155.639



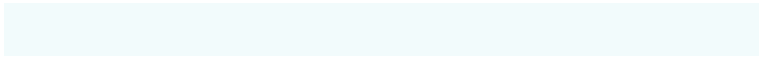
97, 2.963, 335.685

Rectangle

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



98, 2.939, 155.639



98, 2.939, 205.639



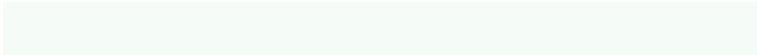
98, 2.939, 335.639



98, 2.939, 25.639

Sweetspot

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



98, 2.942, 155.630



100, 1.239, 155.925



98, 3.124, 122.315



53, 0.704, 155.946



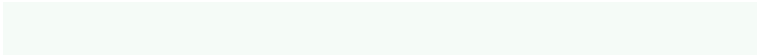
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



98, 2.942, 155.630



99, 3.741, 155.558



98, 2.171, 184.601



52, 2.792, 155.477



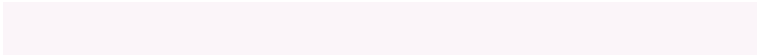
67, 82.601, 142.171



22, 34.842, 145.316

Inverse Universe

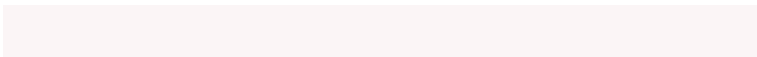
The Inverse Universe completely reimagines the original color for something new.



97, 2.963, 335.685



98, 3.764, 335.756



97, 2.201, 4.467



51, 2.808, 335.835



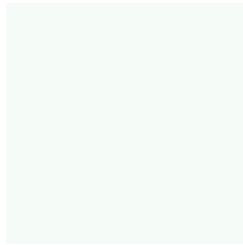
42, 72.116, 347.438



10, 33.485, 344.269

Previews

White Background



This preview shows how the CIE LCh color 98, 2.939, 155.639 looks on a white background.

Color Contrast Check

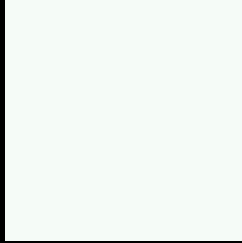
Large Text (above 18pt) WCAG AA × Fail

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, 2.939, 155.639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

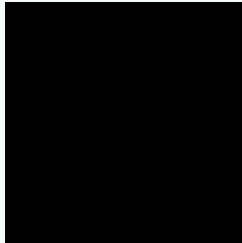
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

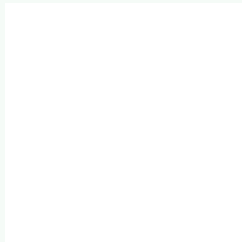
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 2.939, 155.639

Background



This preview shows how black text looks on a background with the CIELCh color 98, 2.939, 155.639.

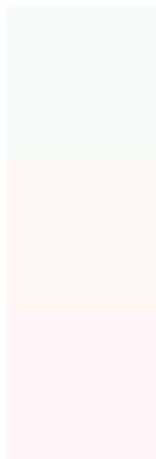


This preview shows how white text looks on a background with the CIELCh color 98, 2.939, 155.639.

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, 2.939, 155.639

Protanopia

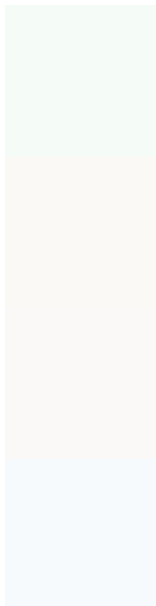
98, 2.599, 55.190

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.070, 290.433

Trichromacy



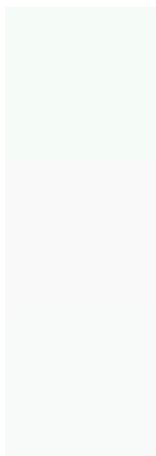
Original Color
98, 2.939, 155.639

Protanomaly
98, 1.666, 84.962

Deuteranomaly
98, 1.056, 18.860

Tritanomaly
98, 1.455, 244.463

Monochromacy



Original Color
98, 2.939, 155.639

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.465, 155.864

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 2.939, 155.639 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(245, 251, 247)` looks like.

```
.text, #text, p{  
    color:rgb(245, 251, 247)  
}
```

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(245, 251, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 251, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 2.939, 155.639 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(245, 251, 247) }
```

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

```
.border{ border-color:rgb(245, 251, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 251, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 251, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 251, 247);  
box-shadow:4px 4px 4px 4px rgb(245, 251,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 2.939, 155.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 251, 247) }
```

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

```
.background{ background-color: rgb(245,  
251, 247) }
```

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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