

Converting Colors

CIELCh(98, 2.698, 129.033)

Have a look what the booklet for
CIELCh(98, 2.698, 129.033) contains.

CIELCh(98, 2.639, 125.442)	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, 2.639, 125.442)

Conversions

Conversions Part 1

Format	Color
Hex	F8FAF5
RGB	248, 250, 245
RGB Percent	97%, 98%, 96%
CMY	0.0275, 0.0196, 0.0392
CMYK	0.01, 0.00, 0.02, 0.02
HSL	84°, 33%, 97%
HSV	84°, 2%, 98%
XYZ	89.3748, 94.9163, 99.9932
YIQ	248.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

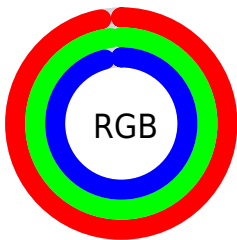
Format	Color
R _Y B	245, 250, 247
Decimal	16317173
CIE Lab	98.00, -1.53, 2.15
CIE LCh	98, 2.639, 125.442
Yxy	94.9163, 0.3144, 0.3339
Android (android.graphics.Color)	4294507253 (0xFFFF8FAF5)
YUV	248.8320, -1.8892, -0.7297
Hunter-Lab	97.4250, -6.7431, 7.3445

Details

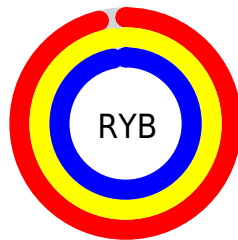
The CIELCh color 98, 2.639, 125.442 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 2.672, 305.582, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 2.771, 125.408 is the 20% darker color. If you saturate the color by 10%, you get 97, 15.910, 124.930, and if you desaturate by 10%, it is 99, 3.113, 324.451.

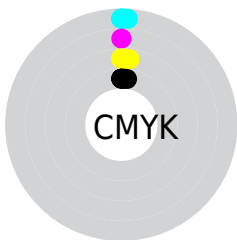
Distribution



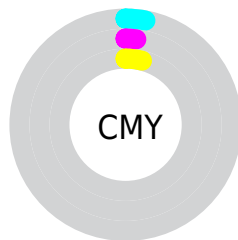
- Red (97%)
- Green (98%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 2.639, 125.442 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, 2.639, 125.442 by changing the saturation by 10% instead.

 98, 2.639, 125.442

 98, 2.639, 125.442

 100, 2.639,
125.442

 88, 2.639, 125.442

 78, 2.639, 125.442

 68, 2.639, 125.442

 58, 2.639, 125.442

 48, 2.639, 125.442

 38, 2.639, 125.442

 28, 2.639, 125.442

 18, 2.639, 125.442

 8, 2.639, 125.442

98, 2.639, 125.442

98, 2.639, 125.442

97, 15.910,
124.930

99, 3.113, 324.451

95, 29.138,
124.408

94, 42.215,
123.884

93, 54.974,
123.387

92, 67.173,
122.959

92, 78.457,
122.671

91, 88.331,
122.622

90, 96.205,
122.935

■ 90,101.589,
123.726

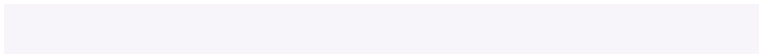
Harmonies

Complementary

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



98, 2.639, 125.442



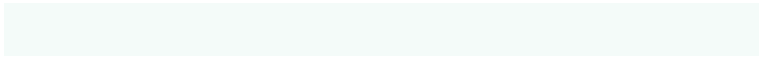
97, 2.672, 305.582

Rectangle

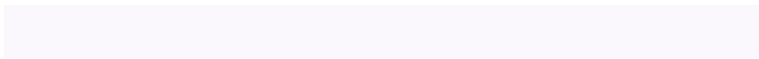
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



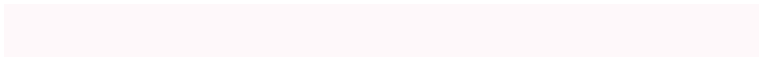
98, 2.639, 125.442



98, 2.639, 175.442



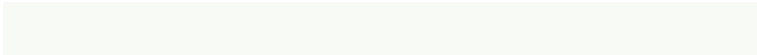
98, 2.639, 305.442



98, 2.639, 355.442

Sweetspot

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



98, 2.641, 125.462



100, 1.335, 125.548



97, 1.456, 63.332



53, 0.759, 125.555



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, 2.641, 125.462



100, 2.682, 125.462



98, 3.009, 141.708



52, 1.500, 125.469



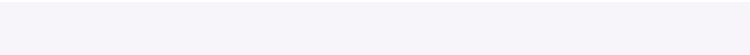
69, 84.200, 124.392



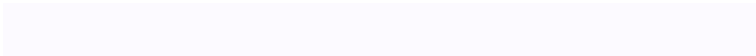
23, 36.737, 122.956

Inverse Universe

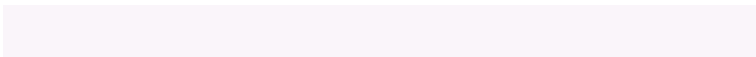
The Inverse Universe completely reimagines the original color for something new.



97, 2.672, 305.582



99, 2.713, 305.582



97, 3.031, 321.721



52, 1.517, 305.575



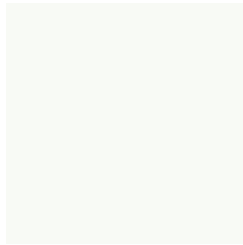
27, 101.630, 309.860



5, 43.088, 309.878

Previews

White Background



This preview shows how the CIE LCh color 98, 2.639, 125.442 looks on a white background.

Color Contrast Check

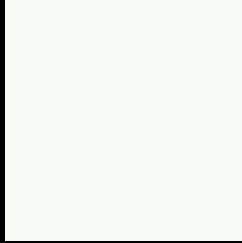
Large Text (above 18pt) WCAG AA × Fail

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, 2.639, 125.442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

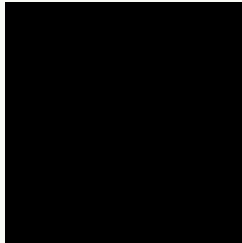
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

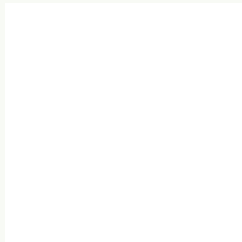
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 2.639, 125.442

Background



This preview shows how black text looks on a background with the CIELCh color 98, 2.639, 125.442.

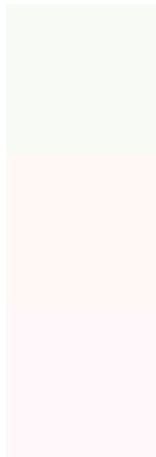


This preview shows how white text looks on a background with the CIELCh color 98, 2.639, 125.442.

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, 2.639, 125.442

Protanopia

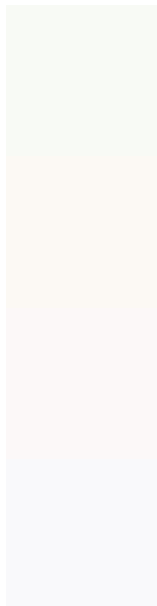
98, 3.192, 58.882

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.658, 301.411

Trichromacy



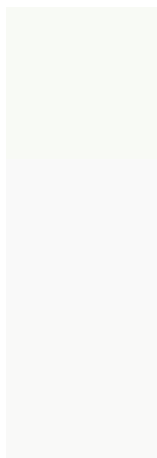
Original Color
98, 2.639, 125.442

Protanomaly
98, 2.739, 87.132

Deuteranomaly
98, 1.409, 19.037

Tritanomaly
98, 1.031, 290.329

Monochromacy



Original Color
98, 2.639, 125.442

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 0.498, 109.987

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 2.639, 125.442 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(248, 250, 245)` looks like.

```
.text, #text, p{  
    color:rgb(248, 250, 245)  
}
```

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(248, 250, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 250, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 2.639, 125.442 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(248, 250, 245) }
```

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

```
.border{ border-color:rgb(248, 250, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 250, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 250, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 250, 245);  
box-shadow:4px 4px 4px 4px rgb(248, 250,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 2.639, 125.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 250, 245) }
```

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

```
.background{ background-color: rgb(248,  
250, 245) }
```

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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