

Converting Colors

CIELCh(98, 2.503, 113.916)

Have a look what the booklet for
CIELCh(98, 2.503, 113.916) contains.

CIELCh(98, 2.563, 117.864)	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, 2.563, 117.864)

Conversions

Conversions Part 1

Format	Color
Hex	F9FAF5
RGB	249, 250, 245
RGB Percent	98%, 98%, 96%
CMY	0.0244, 0.0204, 0.0401
CMYK	0.00, 0.00, 0.02, 0.02
HSL	72°, 32%, 97%
HSV	72°, 2%, 98%
XYZ	89.5569, 94.9163, 99.8145
YIQ	249.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

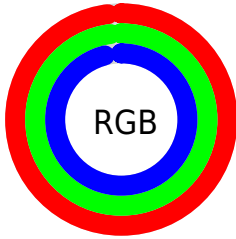
Format	Color
R_{YB}	245, 250, 246
Decimal	16382709
CIE _{Lab}	98.00, -1.20, 2.27
CIE _{LCh}	98, 2.563, 117.864
Y _{xy}	94.9163, 0.3150, 0.3339
Android (android.graphics.Color)	4294572789 (0xFFFF9FAF5)
Y _{UV}	249.1310, -2.0366, -0.1149
Hunter-Lab	97.4250, -6.4095, 7.4533

Details

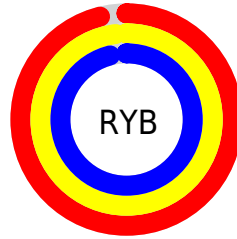
The CIELCh color 98, 2.563, 117.864 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 2.598, 298.152, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 2.691, 117.827 is the 20% darker color. If you saturate the color by 10%, you get 97, 15.412, 117.202, and if you desaturate by 10%, it is 99, 3.025, 317.901.

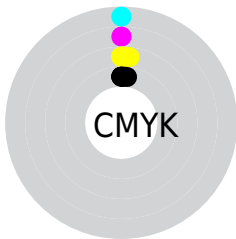
Distribution



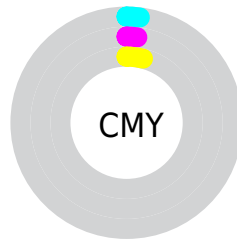
- Red (98%)
- Green (98%)
- Blue (96%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 2.563, 117.864 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, 2.563, 117.864 by changing the saturation by 10% instead.

 98, 2.563, 117.864

 98, 2.563, 117.864

 100, 2.563,
117.864

 88, 2.563, 117.864

 78, 2.563, 117.864

 68, 2.563, 117.864

 58, 2.563, 117.864

 48, 2.563, 117.864

 38, 2.563, 117.864

 28, 2.563, 117.864

 18, 2.563, 117.864

 8, 2.563, 117.864

98, 2.563, 117.864

98, 2.563, 117.864

97, 15.412,
117.202

99, 3.025, 317.901

96, 28.169,
116.505

99, 3.244, 324.460

95, 40.732,
115.813

95, 52.939,
115.153

94, 64.549,
114.564

93, 75.199,
114.104

93, 84.383,
113.851

93, 91.498,
113.900

■ 92, 96.051,
114.337

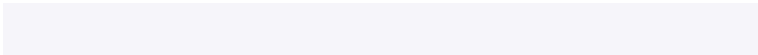
Harmonies

Complementary

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



98, 2.563, 117.864



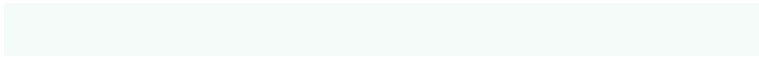
97, 2.598, 298.152

Rectangle

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



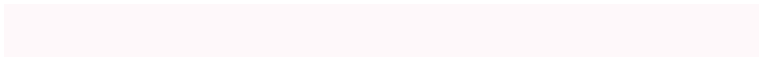
98, 2.563, 117.864



98, 2.563, 167.864



98, 2.563, 297.864



98, 2.563, 347.864

Sweetspot

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



98, 2.565, 117.892



100, 1.297, 117.965



97, 1.494, 39.007



53, 0.737, 117.969



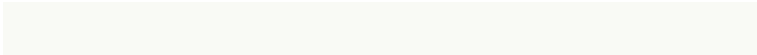
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



98, 2.565, 117.892



100, 2.605, 117.892



98, 2.835, 135.726



52, 1.456, 117.899



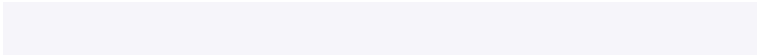
71, 79.326, 114.761



24, 35.002, 113.838

Inverse Universe

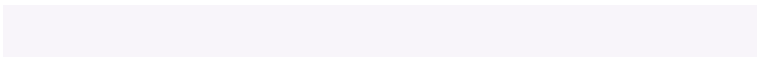
The Inverse Universe completely reimagines the original color for something new.



97, 2.598, 298.152



98, 2.638, 298.152



97, 2.861, 315.743



52, 1.475, 298.144



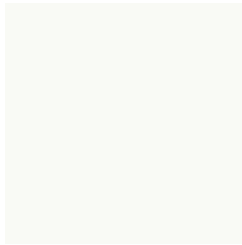
24, 105.109, 307.254



4, 42.566, 304.962

Previews

White Background



This preview shows how the CIE LCh color 98, 2.563, 117.864 looks on a white background.

Color Contrast Check

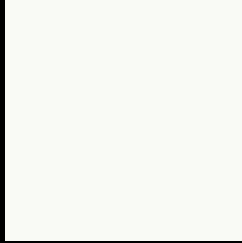
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 98, 2.563, 117.864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

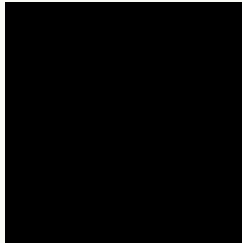
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

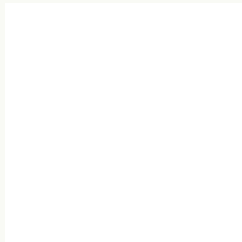
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 2.563, 117.864

Background



This preview shows how black text looks on a background with the CIELCh color 98, 2.563, 117.864.

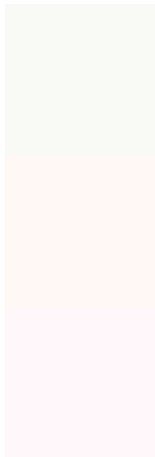


This preview shows how white text looks on a background with the CIELCh color 98, 2.563, 117.864.

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, 2.563, 117.864

Protanopia

98, 3.192, 58.882

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.658, 301.411

Trichromacy



Original Color

98, 2.563, 117.864

Protanomaly

98, 2.892, 80.605

Deuteranomaly

98, 1.828, 35.313

Tritanomaly

98, 1.093, 308.975

Monochromacy



Original Color

98, 2.563, 117.864

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 1.008, 110.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 2.563, 117.864 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(249, 250, 245)` looks like.

```
.text, #text, p{  
    color:rgb(249, 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(249, 250, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 250, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 2.563, 117.864 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(249, 250, 245) }
```

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

```
.border{ border-color:rgb(249, 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(249, 250, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 250, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 250, 245);  
box-shadow:4px 4px 4px 4px rgb(249, 250,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 2.563, 117.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 250, 245) }
```

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

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

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