

Converting Colors

CIELCh(98, 1.609, 110.168)

Have a look what the booklet for
CIELCh(98, 1.609, 110.168) contains.

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Color

CIELCh(98, 1.517, 110.012)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F9F9F6 |
| RGB | 249, 249, 246 |
| RGB Percent | 98%, 98%, 96% |
| CMY | 0.0218, 0.0218, 0.0336 |
| CMYK | 0.00, 0.00, 0.01, 0.02 |
| HSL | 60°, 21%, 97% |
| HSV | 60°, 1%, 98% |
| XYZ | 89.9294, 94.9163, 101.1155 |
| YIQ | 248.6580, 0.9630, -0.9330 |

Conversions

Conversions Part 2

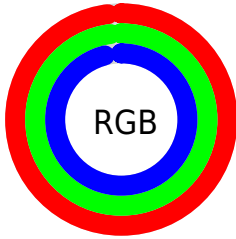
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 246, 249, 246 |
| Decimal | 16382454 |
| CIE Lab | 98.00, -0.52, 1.43 |
| CIE LCh | 98, 1.517, 110.012 |
| Yxy | 94.9163, 0.3145, 0.3319 |
| Android (android.graphics.Color) | 4294572534 (0xFFFF9F9F6) |
| YUV | 248.6580, -1.3104, 0.2999 |
| Hunter-Lab | 97.4250, -5.7269, 6.6615 |

Details

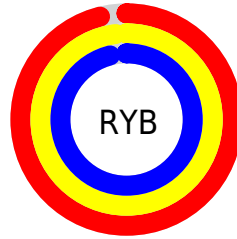
The CIELCh color 98, 1.517, 110.012 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 1.546, 290.400, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 1.594, 109.992 is the 20% darker color. If you saturate the color by 10%, you get 97, 14.201, 109.146, and if you desaturate by 10%, it is 98, 2.847, 290.640.

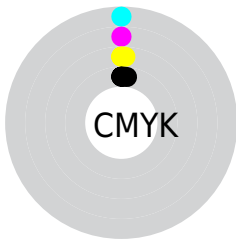
Distribution



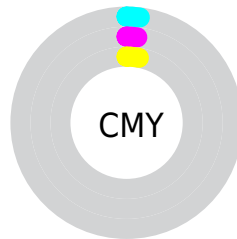
- Red (98%)
- Green (98%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 1.517, 110.012 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, 1.517, 110.012 by changing the saturation by 10% instead.

98, 1.517, 110.012

98, 1.517, 110.012

100, 1.517,
110.012

88, 1.517, 110.012

78, 1.517, 110.012

68, 1.517, 110.012

58, 1.517, 110.012

48, 1.517, 110.012

38, 1.517, 110.012

28, 1.517, 110.012

18, 1.517, 110.012

8, 1.517, 110.012

98, 1.517, 110.012

98, 1.517, 110.012

97, 14.201,
109.146

98, 2.847, 290.640

97, 26.788,
108.171

98, 2.847, 290.892

96, 39.181,
107.202

98, 2.847, 291.144

96, 51.225,
106.259

98, 2.848, 291.396

96, 62.677,
105.369

98, 2.848, 291.648

96, 73.170,
104.565

98, 2.849, 291.900

95, 82.194,
103.888

98, 2.849, 292.152

95, 89.135,
103.379

98, 2.850, 292.403

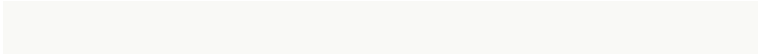
98, 2.850, 292.655

■ 95, 93.482,
103.068

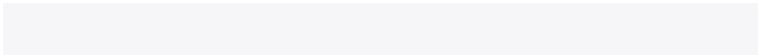
Harmonies

Complementary

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



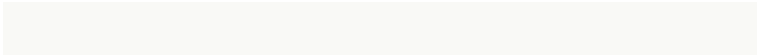
98, 1.517, 110.012



97, 1.546, 290.400

Rectangle

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



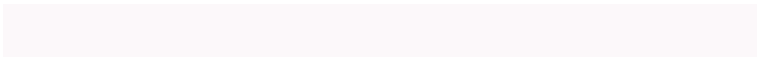
98, 1.517, 110.012



98, 1.517, 160.012



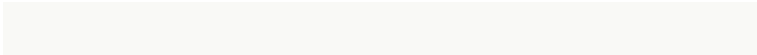
98, 1.517, 290.012



98, 1.517, 340.012

Sweetspot

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



98, 1.519, 110.070

100, 0.012, 296.813



97, 1.059, 18.865



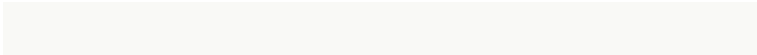
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

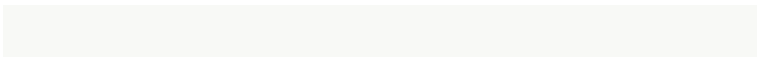
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 1.519, 110.070



100, 1.282, 110.080



98, 1.615, 129.103



52, 0.717, 110.081



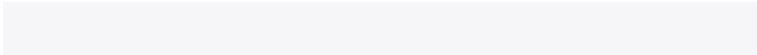
74, 77.280, 102.942



25, 34.379, 103.155

Inverse Universe

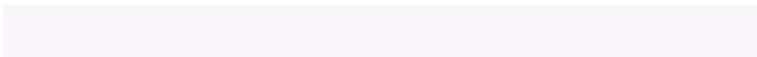
The Inverse Universe completely reimagines the original color for something new.



97, 1.546, 290.400



99, 1.308, 290.390



97, 1.639, 309.036



52, 0.732, 290.388



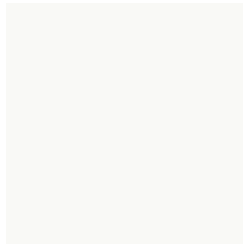
23, 106.701, 306.291



3, 42.030, 300.839

Previews

White Background



This preview shows how the CIE LCh color 98, 1.517, 110.012 looks on a white background.

Color Contrast Check

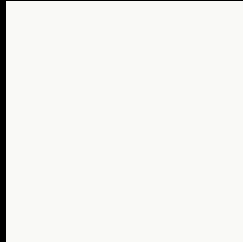
Large Text (above 18pt) WCAG AA × Fail

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, 1.517, 110.012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

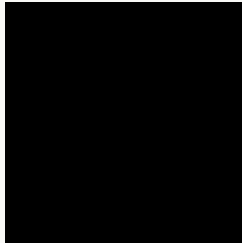
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

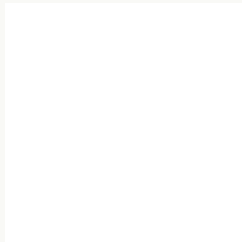
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 1.517, 110.012

Background



This preview shows how black text looks on a background with the CIELCh color 98, 1.517, 110.012.

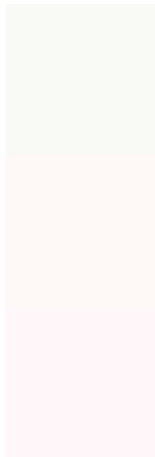


This preview shows how white text looks on a background with the CIELCh color 98, 1.517, 110.012.

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, 1.517, 110.012

Protanopia

98, 2.340, 45.008

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.658, 301.411

Trichromacy



Original Color

98, 1.517, 110.012

Protanomaly

98, 1.841, 74.893

Deuteranomaly

98, 1.762, 19.152

Tritanomaly

98, 1.584, 303.067

Monochromacy



Original Color

98, 1.517, 110.012

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, 1.517, 110.012 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, 249, 246)` looks like.

```
.text, #text, p{  
  color:rgb(249, 249, 246)  
}
```

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, 249, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 249, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 1.517, 110.012 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, 249, 246) }
```

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

```
.border{ border-color:rgb(249, 249, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 249, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 249, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 249, 246);  
box-shadow:4px 4px 4px 4px rgb(249, 249,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 1.517, 110.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 249, 246) }
```

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

```
.background{ background-color: rgb(249,  
249, 246) }
```

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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