

Converting Colors

CIELCh(98, 1.899, 112.760)

Have a look what the booklet for
CIELCh(98, 1.899, 112.760) contains.

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Color

CIELCh(98, 2.060, 119.828)

Conversions

Conversions Part 1

Format	Color
Hex	F9FAF6
RGB	249, 250, 246
RGB Percent	98%, 98%, 96%
CMY	0.0246, 0.0207, 0.0364
CMYK	0.00, 0.00, 0.02, 0.02
HSL	75°, 27%, 97%
HSV	75°, 2%, 98%
XYZ	89.6519, 94.9163, 100.5542
YIQ	249.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

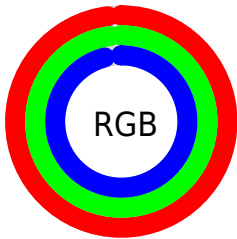
Format	Color
R_{YB}	246, 250, 247
Decimal	16382710
CIE _{Lab}	98.00, -1.02, 1.79
CIE _{LCh}	98, 2.060, 119.828
Yxy	94.9163, 0.3144, 0.3329
Android (android.graphics.Color)	4294572790 (0xFFFF9FAF6)
YUV	249.2450, -1.5998, -0.2149
Hunter-Lab	97.4250, -6.2354, 7.0031

Details

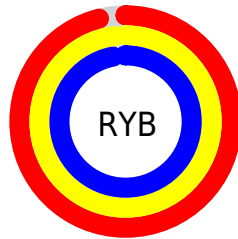
The CIELCh color 98, 2.060, 119.828 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 2.091, 300.023, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 2.163, 119.798 is the 20% darker color. If you saturate the color by 10%, you get 97, 14.988, 119.218, and if you desaturate by 10%, it is 99, 3.284, 324.355.

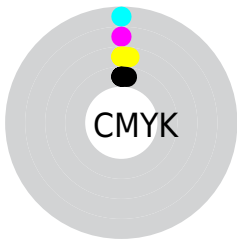
Distribution



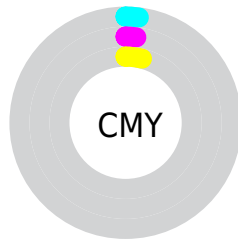
- Red (98%)
- Green (98%)
- Blue (96%)



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



- 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, 2.060, 119.828 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, 2.060, 119.828 by changing the saturation by 10% instead.

 98, 2.060, 119.828

 98, 2.060, 119.828

 100, 2.060,
119.828

 88, 2.060, 119.828

 78, 2.060, 119.828

 68, 2.060, 119.828

 58, 2.060, 119.828

 48, 2.060, 119.828

 38, 2.060, 119.828

 28, 2.060, 119.828

 18, 2.060, 119.828

 8, 2.060, 119.828

98, 2.060, 119.828

98, 2.060, 119.828

97, 14.988,
119.218

99, 3.284, 324.355

96, 27.837,
118.576

99, 3.288, 324.462

95, 40.506,
117.938


94, 52.835,
117.331

94, 64.589,
116.795

93, 75.412,
116.391

92, 84.810,
116.203

92, 92.185,
116.336

 91, 97.036,
116.887

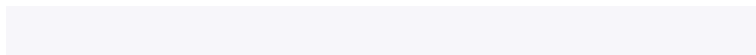
Harmonies

Complementary

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



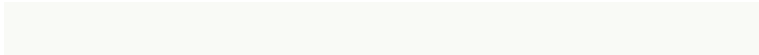
98, 2.060, 119.828



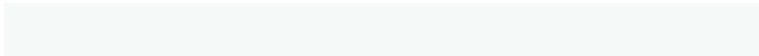
97, 2.091, 300.023

Rectangle

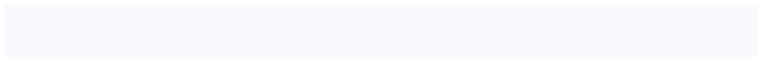
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



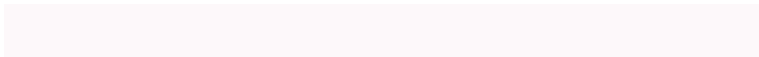
98, 2.060, 119.828



98, 2.060, 169.828



98, 2.060, 299.828



98, 2.060, 349.828

Sweetspot

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



98, 2.062, 119.860

100, 0.012, 296.813



97, 1.166, 44.813



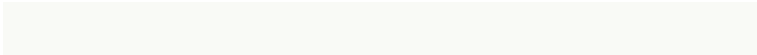
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

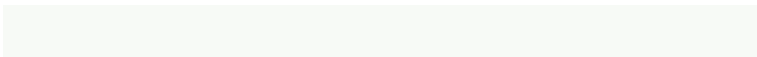
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 2.062, 119.860



100, 2.620, 119.832



98, 2.298, 137.327



52, 1.465, 119.839



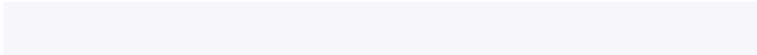
71, 80.359, 117.436



23, 35.354, 116.316

Inverse Universe

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



97, 2.091, 300.023



98, 2.653, 300.052



97, 2.322, 317.264



52, 1.484, 300.044



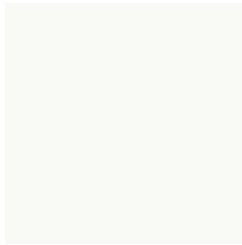
25, 104.389, 307.733



4, 42.700, 306.064

Previews

White Background



This preview shows how the CIE LCh color 98, 2.060, 119.828 looks on a white background.

Color Contrast Check

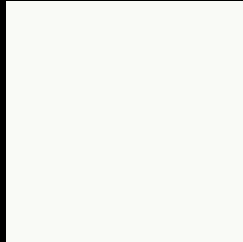
Large Text (above 18pt) WCAG AA × Fail

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, 2.060, 119.828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

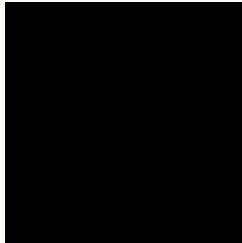
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

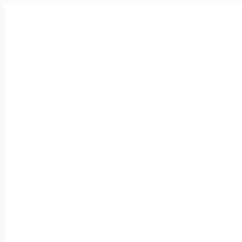
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 2.060, 119.828

Background



This preview shows how black text looks on a background with the CIELCh color 98, 2.060, 119.828.

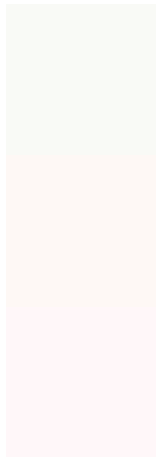


This preview shows how white text looks on a background with the CIELCh color 98, 2.060, 119.828.

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, 2.060, 119.828

Protanopia

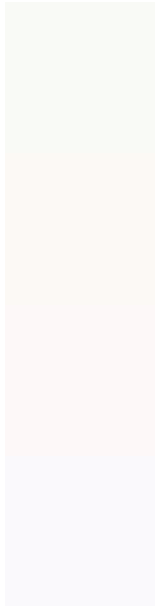
98, 2.599, 55.190

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.658, 301.411

Trichromacy



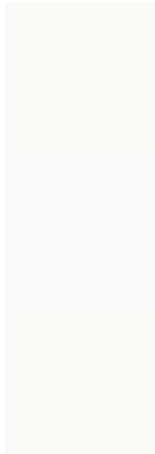
Original Color
98, 2.060, 119.828

Protanomaly
98, 2.277, 82.225

Deuteranomaly
98, 1.762, 19.152

Tritanomaly
98, 1.584, 303.067

Monochromacy



Original Color
98, 2.060, 119.828

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, 2.060, 119.828 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(249, 250, 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, 250, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 250, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 2.060, 119.828 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, 246) }
```

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

```
.border{ border-color:rgb(249, 250, 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, 250, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 250, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 250, 246);  
box-shadow:4px 4px 4px 4px rgb(249, 250,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 2.060, 119.828 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, 246) }
```

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

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