

Converting Colors

CIELCh(98, 2.028, 359.684)

Have a look what the booklet for
CIELCh(98, 2.028, 359.684) contains.

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Color

CIELCh(98, 1.840, 3.099)

Conversions

Conversions Part 1

Format	Color
Hex	FDF8F9
RGB	253, 248, 249
RGB Percent	99%, 97%, 98%
CMY	0.0076, 0.0272, 0.0233
CMYK	0.00, 0.02, 0.02, 0.01
HSL	348°, 56%, 98%
HSV	348°, 2%, 99%
XYZ	91.2308, 94.9163, 103.1908
YIQ	249.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

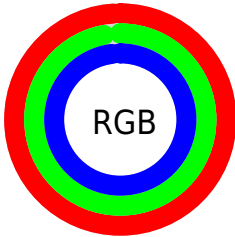
Format	Color
R _Y B	253, 248, 249
Decimal	16644345
CIE Lab	98.00, 1.84, 0.10
CIE LCh	98, 1.840, 3.099
Yxy	94.9163, 0.3153, 0.3280
Android (android.graphics.Color)	4294834425 (0xFFFD8F9)
YUV	249.6090, -0.3002, 2.9739
Hunter-Lab	97.4250, -3.3425, 5.3985

Details

The CIELCh color 98, 1.840, 3.099 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 1.815, 183.462, 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, 1.579, 359.395 is the 20% darker color. If you saturate the color by 10%, you get 91, 11.435, 4.406, and if you desaturate by 10%, it is 100, 0.671, 200.350.

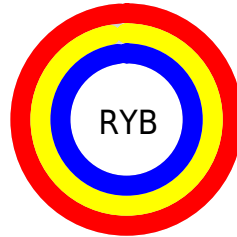
Distribution



Red (99%)

Green (97%)

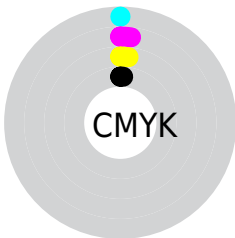
Blue (98%)



Red (99%)

Yellow (97%)

Blue (98%)

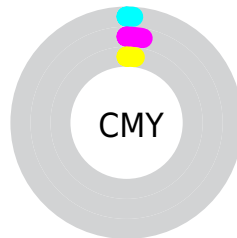


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (1%)



Cyan (1%)

Magenta (3%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 1.840, 3.099 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, 1.840, 3.099 by changing the saturation by 10% instead.

 98, 1.840, 3.099

 98, 1.840, 3.099

100, 1.840, 3.099

 88, 1.840, 3.099

 78, 1.840, 3.099

 68, 1.840, 3.099

 58, 1.840, 3.099

 48, 1.840, 3.099

 38, 1.840, 3.099

 28, 1.840, 3.099

 18, 1.840, 3.099

 8, 1.840, 3.099

98, 1.840, 3.099

98, 1.840, 3.099

91, 11.435, 4.406

100, 0.671,
200.350

85, 21.526, 5.587

79, 32.026, 6.987

73, 42.767, 8.700

67, 53.472, 10.838

62, 63.753, 13.545

58, 73.184, 16.979

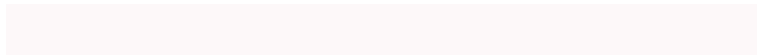
56, 81.433, 21.262

54, 88.434, 26.346

Harmonies

Complementary

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



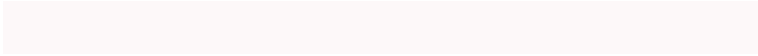
98, 1.840, 3.099



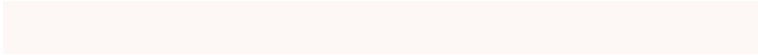
99, 1.815, 183.462

Rectangle

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



98, 1.840, 3.099



98, 1.840, 53.099



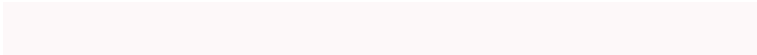
98, 1.840, 183.099



98, 1.840, 233.099

Sweetspot

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



98, 1.838, 3.150



99, 0.937, 2.740



98, 2.930, 318.814



53, 0.533, 2.702



0, 0.000, 0.000



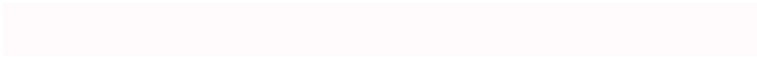
53, 0.007, 296.813

Same Dimension

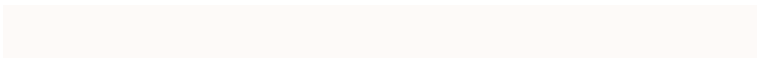
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 1.838, 3.150



99, 1.874, 3.157



98, 1.436, 51.007



53, 1.065, 3.131



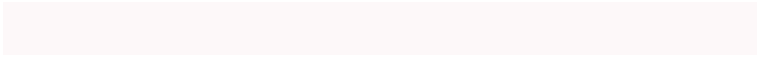
40, 74.979, 29.648



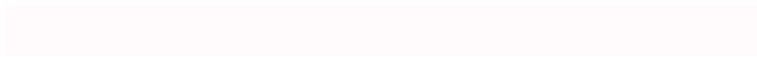
10, 31.988, 18.769

Inverse Universe

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



98, 1.838, 3.150



99, 1.874, 3.157



99, 1.430, 232.113



53, 1.065, 3.131



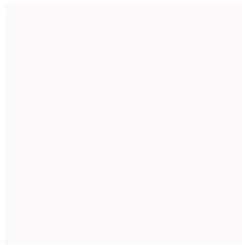
40, 74.979, 29.648



10, 31.988, 18.769

Previews

White Background



This preview shows how the CIELCh color 98, 1.840, 3.099 looks on a white background.

Color Contrast Check

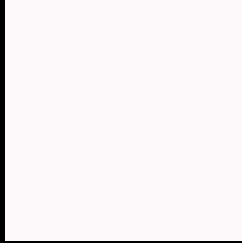
Large Text (above 18pt) WCAG AA × Fail

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, 1.840, 3.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

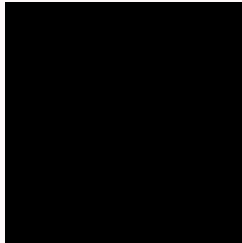
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 1.840, 3.099

Background



This preview shows how black text looks on a background with the CIELCh color 98, 1.840, 3.099.



This preview shows how white text looks on a background with the CIELCh color 98, 1.840, 3.099.

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, 1.840, 3.099

Protanopia

98, 1.840, 3.099

Deuteranopia

98, 3.223, 351.093

Tritanopia
98, 3.859, 311.595

Trichromacy

Original Color

98, 1.840, 3.099

Protanomaly

98, 1.840, 3.099

Deuteranomaly

98, 2.918, 347.752

Tritanomaly

98, 2.933, 318.815

Monochromacy

Original Color

98, 1.840, 3.099

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 0.880, 343.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 1.840, 3.099 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(253, 248, 249)` looks like.

```
.text, #text, p{  
    color:rgb(253, 248, 249)  
}
```

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(253, 248, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 248, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 1.840, 3.099 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(253, 248, 249) }
```

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

```
.border{ border-color:rgb(253, 248, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 248, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 248, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 248, 249);  
box-shadow:4px 4px 4px 4px rgb(253, 248,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 1.840, 3.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 248, 249) }
```

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

```
.background{ background-color: rgb(253,  
248, 249) }
```

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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