

Converting Colors

CIELCh(98, 5.118, 85.721)

Have a look what the booklet for
CIELCh(98, 5.118, 85.721) contains.

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Color

CIELCh(98, 5.370, 90.337)

Conversions

Conversions Part 1

Format	Color
Hex	FEF9EF
RGB	254, 249, 239
RGB Percent	100%, 98%, 94%
CMY	0.0045, 0.0241, 0.0634
CMYK	0.00, 0.02, 0.06, 0.00
HSL	40°, 87%, 97%
HSV	40°, 6%, 100%
XYZ	90.1977, 94.9163, 95.1064
YIQ	249.3550, 6.1900, -2.0500

Conversions

Conversions Part 2

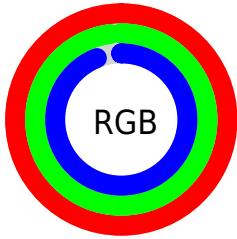
Format	Color
R_{YB}	247, 254, 239
Decimal	16710127
CIE Lab	98.00, -0.03, 5.37
CIE LCh	98, 5.370, 90.337
Yxy	94.9163, 0.3219, 0.3387
Android (android.graphics.Color)	4294900207 (0xFFFEF9EF)
YUV	249.3550, -5.1050, 4.0737
Hunter-Lab	97.4250, -5.2354, 10.3185

Details

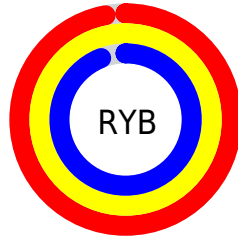
The CIELCh color **98, 5.370, 90.337** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 5.383, 271.960**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 5.528, 93.861** is the 20% darker color. If you saturate the color by 10%, you get **95, 14.638, 89.115**, and if you desaturate by 10%, it is **100, 0.403, 201.026**.

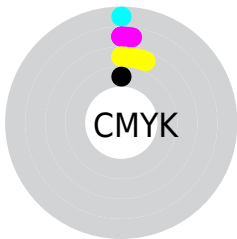
Distribution



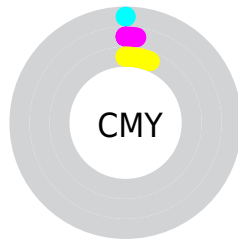
- Red (100%)
- Green (98%)
- Blue (94%)



- Red (97%)
- Yellow (100%)
- Blue (94%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 5.370, 90.337 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, 5.370, 90.337 by changing the saturation by 10% instead.

 98, 5.370, 90.337	 98, 5.370, 90.337
 100, 5.370, 90.337	 88, 5.370, 90.337
	 78, 5.370, 90.337
	 68, 5.370, 90.337
	 58, 5.370, 90.337
	 48, 5.370, 90.337
	 38, 5.370, 90.337
	 28, 5.370, 90.337
	 18, 5.370, 90.337
	 8, 5.370, 90.337

98, 5.370, 90.337

98, 5.370, 90.337

95, 14.638, 89.115

100, 0.403,
201.026

93, 24.096, 87.799

90, 33.714, 86.437

88, 43.418, 85.034

85, 53.054, 83.581

83, 62.322, 82.054

81, 70.688, 80.394

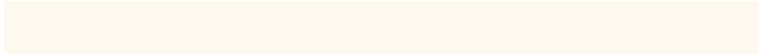
79, 77.311, 78.482

77, 81.229, 76.125

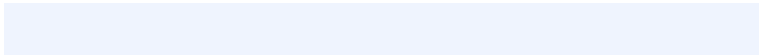
Harmonies

Complementary

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



98, 5.370, 90.337



96, 5.383, 271.960

Rectangle

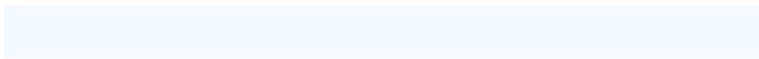
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 5.370, 90.337



98, 5.370, 140.337



98, 5.370, 270.337



98, 5.370, 320.337

Sweetspot

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



98, 5.371, 90.362



99, 1.811, 90.743



96, 5.928, 354.149



53, 1.029, 90.747



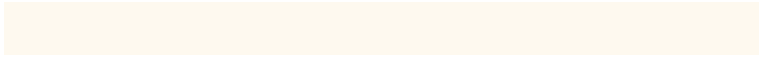
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



98, 5.371, 90.362



98, 6.398, 90.232



99, 7.661, 116.280



52, 4.160, 90.160



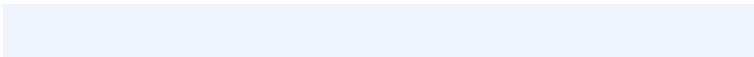
58, 66.476, 75.597



19, 28.099, 78.365

Inverse Universe

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



96, 5.383, 271.960



96, 6.406, 272.100



95, 7.776, 297.146



51, 4.164, 272.179



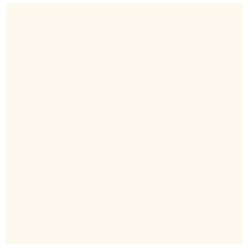
33, 79.024, 296.707



8, 31.700, 291.572

Previews

White Background



This preview shows how the CIELCh color 98, 5.370, 90.337 looks on a white background.

Color Contrast Check

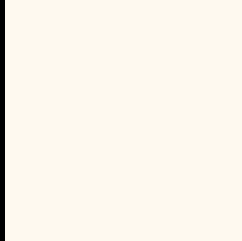
Large Text (above 18pt) WCAG AA × Fail

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, 5.370, 90.337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

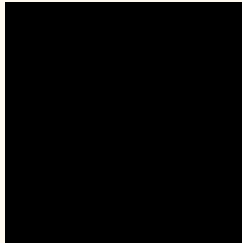
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 5.370, 90.337

Background



This preview shows how black text looks on a background with the CIELCh color 98, 5.370, 90.337.

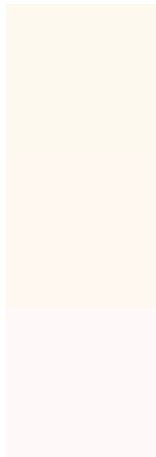


This preview shows how white text looks on a background with the CIELCh color 98, 5.370, 90.337.

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, 5.370, 90.337

Protanopia

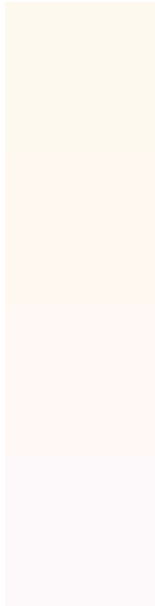
98, 4.754, 78.119

Deuteranopia

98, 2.470, 19.304

Tritanopia
98, 3.859, 311.595

Trichromacy



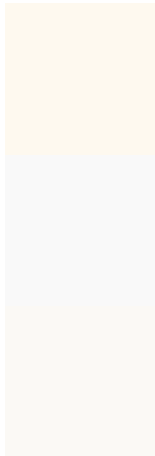
Original Color
98, 5.370, 90.337

Protanomaly
98, 4.754, 78.119

Deuteranomaly
98, 2.896, 51.088

Tritanomaly
98, 1.840, 3.099

Monochromacy



Original Color
98, 5.370, 90.337

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.139, 90.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 5.370, 90.337 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(254, 249, 239)` looks like.

```
.text, #text, p{  
    color:rgb(254, 249, 239)  
}
```

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(254, 249, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 249, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 5.370, 90.337 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(254, 249, 239) }
```

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

```
.border{ border-color:rgb(254, 249, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 249, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 249, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 249, 239);  
box-shadow:4px 4px 4px 4px rgb(254, 249,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 5.370, 90.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 249, 239) }
```

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

```
.background{ background-color: rgb(254,  
249, 239) }
```

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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