

Converting Colors

CIELCh(98, 4.817, 87.954)

Have a look what the booklet for
CIELCh(98, 4.817, 87.954) contains.

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Color

CIELCh(98, 4.892, 88.420)

Conversions

Conversions Part 1

Format	Color
Hex	FEF9F0
RGB	254, 249, 240
RGB Percent	100%, 98%, 94%
CMY	0.0048, 0.0244, 0.0597
CMYK	0.00, 0.02, 0.06, 0.00
HSL	39°, 85%, 97%
HSV	39°, 6%, 100%
XYZ	90.2894, 94.9163, 95.8242
YIQ	249.4690, 5.8690, -1.7390

Conversions

Conversions Part 2

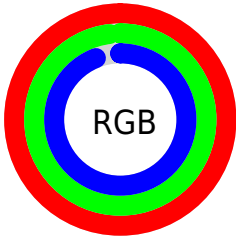
Format	Color
R_{YB}	248, 254, 240
Decimal	16710128
CIE _{Lab}	98.00, 0.13, 4.89
CIE _{LCh}	98, 4.892, 88.420
Yxy	94.9163, 0.3213, 0.3377
Android (android.graphics.Color)	4294900208 (0xFFFEF9F0)
YUV	249.4690, -4.6682, 3.9737
Hunter-Lab	97.4250, -5.0674, 9.8817

Details

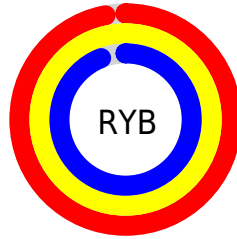
The CIELCh color **98, 4.892, 88.420** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 4.899, 269.977**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 5.015, 92.278** is the 20% darker color. If you saturate the color by 10%, you get **95, 13.955, 87.198**, and if you desaturate by 10%, it is **100, 0.426, 200.933**.

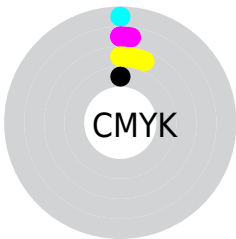
Distribution



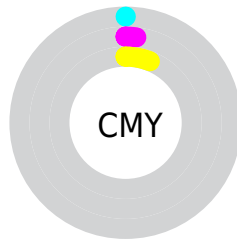
- Red (100%)
- Green (98%)
- Blue (94%)



- 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, 4.892, 88.420 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, 4.892, 88.420 by changing the saturation by 10% instead.


 98, 4.892, 88.420

 98, 4.892, 88.420

 100, 4.892, 88.420

 88, 4.892, 88.420

 78, 4.892, 88.420

 68, 4.892, 88.420

 58, 4.892, 88.420

 48, 4.892, 88.420

 38, 4.892, 88.420

 28, 4.892, 88.420

 18, 4.892, 88.420

 8, 4.892, 88.420

98, 4.892, 88.420

98, 4.892, 88.420

95, 13.955, 87.198

100, 0.426,
200.933

92, 23.234, 85.872

90, 32.710, 84.501

87, 42.320, 83.088

85, 51.924, 81.624

82, 61.249, 80.083

80, 69.784, 78.400

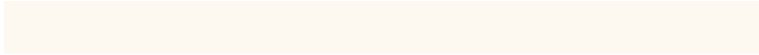
77, 76.702, 76.444

75, 80.999, 74.004

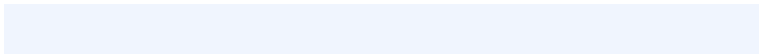
Harmonies

Complementary

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



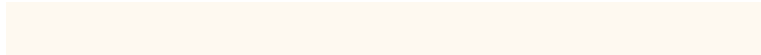
98, 4.892, 88.420



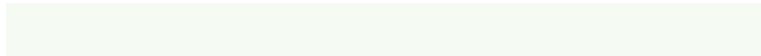
96, 4.899, 269.977

Rectangle

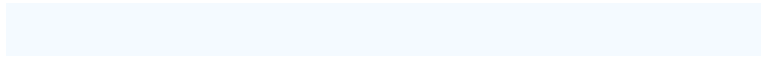
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 4.892, 88.420



98, 4.892, 138.420



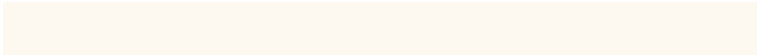
98, 4.892, 268.420



98, 4.892, 318.420

Sweetspot

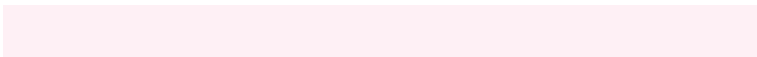
The Sweet Spot groups the original color and five complimentary colors.



98, 4.893, 88.448



99, 1.767, 88.778



96, 5.635, 351.919



53, 1.004, 88.781



0, 0.000, 0.000



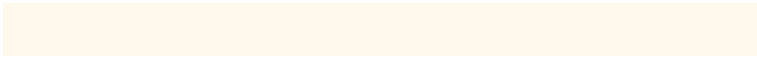
53, 0.007, 296.813

Same Dimension

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



98, 4.893, 88.448



98, 6.249, 88.272



99, 7.130, 114.986



52, 4.064, 88.199



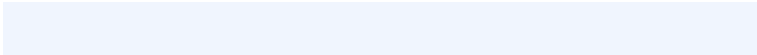
57, 66.449, 73.349



19, 27.803, 76.097

Inverse Universe

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



96, 4.899, 269.977



96, 6.245, 270.167



95, 7.235, 295.848



51, 4.059, 270.246



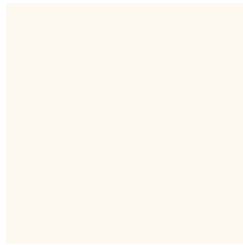
34, 76.031, 295.329



9, 30.495, 289.985

Previews

White Background



This preview shows how the CIELCh color 98, 4.892, 88.420 looks on a white background.

Color Contrast Check

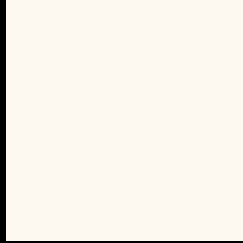
Large Text (above 18pt) WCAG AA × Fail

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, 4.892, 88.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

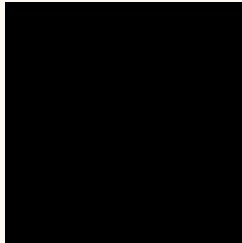
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 4.892, 88.420

Background



This preview shows how black text looks on a background with the CIELCh color 98, 4.892, 88.420.



This preview shows how white text looks on a background with the CIELCh color 98, 4.892, 88.420.

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, 4.892, 88.420

Protanopia

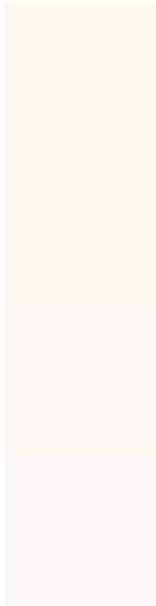
98, 4.327, 74.647

Deuteranopia

98, 2.470, 19.304

Tritanopia
98, 3.859, 311.595

Trichromacy



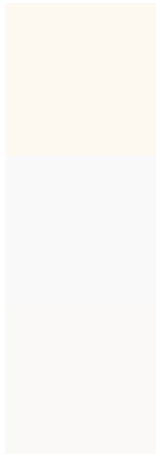
Original Color
98, 4.892, 88.420

Protanomaly
98, 4.327, 74.647

Deuteranomaly
98, 2.896, 51.088

Tritanomaly
98, 1.840, 3.099

Monochromacy



Original Color
98, 4.892, 88.420

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.666, 84.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 4.892, 88.420 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(254, 249, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 249, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 4.892, 88.420 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, 240) }
```

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

```
.border{ border-color:rgb(254, 249, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 249, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 249, 240);  
box-shadow:4px 4px 4px 4px rgb(254, 249,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 4.892, 88.420 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, 240) }
```

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

```
.background{ background-color: rgb(254,  
249, 240) }
```

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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