

Converting Colors

CIELCh(98, 7.742, 98.880)

Have a look what the booklet for
CIELCh(98, 7.742, 98.880) contains.

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Color

CIELCh(98, 7.748, 98.876)

Conversions

Conversions Part 1

Format	Color
Hex	FDF9EA
RGB	253, 249, 234
RGB Percent	99%, 98%, 92%
CMY	0.0063, 0.0220, 0.0808
CMYK	0.00, 0.02, 0.08, 0.01
HSL	47°, 86%, 96%
HSV	47°, 8%, 99%
XYZ	89.5582, 94.9163, 91.7364
YIQ	248.4860, 7.1990, -3.8170

Conversions

Conversions Part 2

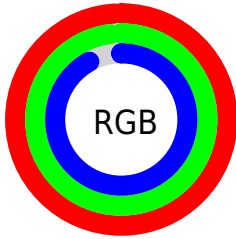
Format	Color
R_{YB}	239, 253, 234
Decimal	16644586
CIE Lab	98.00, -1.20, 7.66
CIE LCh	98, 7.748, 98.876
Yxy	94.9163, 0.3242, 0.3436
Android (android.graphics.Color)	4294834666 (0xFFFD9EA)
YUV	248.4860, -7.1416, 3.9588
Hunter-Lab	97.4250, -6.4071, 12.3694

Details

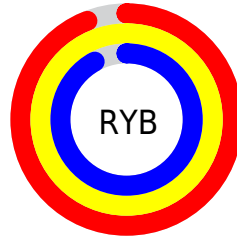
The CIELCh color **98, 7.748, 98.876** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 7.824, 280.701**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 8.071, 101.313** is the 20% darker color. If you saturate the color by 10%, you get **96, 18.174, 97.723**, and if you desaturate by 10%, it is **100, 0.484, 217.243**.

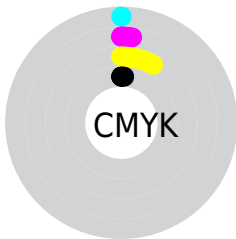
Distribution



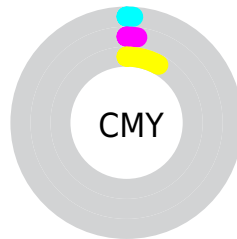
- Red (99%)
- Green (98%)
- Blue (92%)



- Red (94%)
- Yellow (99%)
- Blue (92%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (1%)















- Cyan (1%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 7.748, 98.876 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, 7.748, 98.876 by changing the saturation by 10% instead.

 98, 7.748, 98.876	 98, 7.748, 98.876
 100, 7.748, 98.876	 88, 7.748, 98.876
	 78, 7.748, 98.876
	 68, 7.748, 98.876
	 58, 7.748, 98.876
	 48, 7.748, 98.876
	 38, 7.748, 98.876
	 28, 7.748, 98.876
	 18, 7.748, 98.876
	 8, 7.748, 98.876

98, 7.748, 98.876

98, 7.748, 98.876

96, 18.174, 97.723

100, 0.484,
217.243

94, 28.649, 96.511

100, 0.557,
200.561

93, 39.103, 95.269

91, 49.400, 94.004

89, 59.306, 92.722

88, 68.419, 91.418

86, 76.113, 90.071

85, 81.569, 88.635

83, 84.136, 87.030

Harmonies

Complementary

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



98, 7.748, 98.876



94, 7.824, 280.701

Rectangle

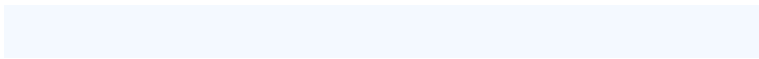
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 7.748, 98.876



98, 7.748, 148.876



98, 7.748, 278.876



98, 7.748, 328.876

Sweetspot

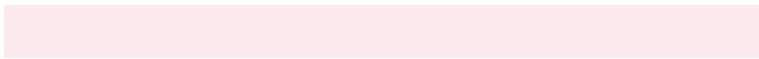
The Sweet Spot groups the original color and five complimentary colors.



98, 7.750, 98.892



100, 2.063, 99.456



94, 7.133, 2.610



53, 1.173, 99.462



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, 7.750, 98.892



98, 9.355, 98.721



99, 9.849, 120.738



52, 5.912, 98.663



64, 68.505, 86.929



22, 30.248, 89.078

Inverse Universe

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



94, 7.824, 280.701



94, 9.454, 280.890



94, 10.008, 301.626



49, 5.976, 280.954



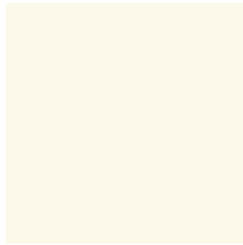
28, 93.400, 302.159



6, 37.265, 297.296

Previews

White Background



This preview shows how the CIELCh color 98, 7.748, 98.876 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 CIELCh color 98, 7.748, 98.876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

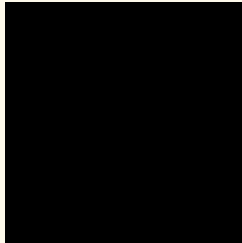
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 7.748, 98.876

Background



This preview shows how black text looks on a background with the CIELCh color 98, 7.748, 98.876.

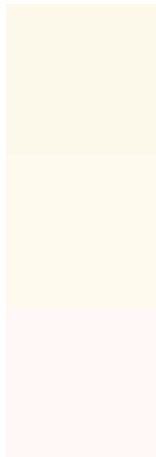


This preview shows how white text looks on a background with the CIELCh color 98, 7.748, 98.876.

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, 7.748, 98.876

Protanopia

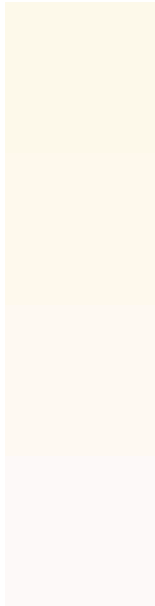
98, 5.971, 88.637

Deuteranopia

98, 2.519, 30.953

Tritanopia
98, 3.859, 311.595

Trichromacy



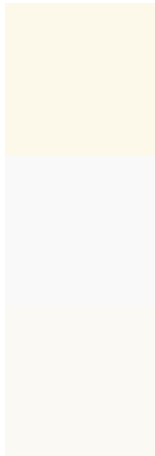
Original Color
98, 7.748, 98.876

Protanomaly
98, 6.341, 93.278

Deuteranomaly
98, 3.959, 83.183

Tritanomaly
98, 1.490, 39.002

Monochromacy



Original Color
98, 7.748, 98.876

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.625, 94.317

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 7.748, 98.876 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, 249, 234)` looks like.

```
.text, #text, p{  
    color:rgb(253, 249, 234)  
}
```

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, 249, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 249, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 7.748, 98.876 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, 249, 234) }
```

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

```
.border{ border-color:rgb(253, 249, 234) }
```

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

Here you see how a box with a 4 pixel rgb(253, 249, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 249, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 249, 234);  
box-shadow:4px 4px 4px 4px rgb(253, 249,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 7.748, 98.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 249, 234) }
```

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

```
.background{ background-color: rgb(253,  
249, 234) }
```

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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