

Converting Colors

CIELCh(98, 3.143, 78.022)

Have a look what the booklet for
CIELCh(98, 3.143, 78.022) contains.

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Color

CIELCh(98, 3.346, 84.817)

Conversions

Conversions Part 1

Format	Color
Hex	FDF9F3
RGB	253, 249, 243
RGB Percent	99%, 98%, 95%
CMY	0.0087, 0.0244, 0.0479
CMYK	0.00, 0.02, 0.04, 0.01
HSL	36°, 69%, 97%
HSV	36°, 4%, 99%
XYZ	90.3816, 94.9163, 98.1798
YIQ	249.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

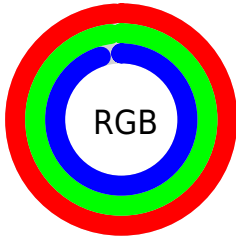
Format	Color
R _Y B	250, 253, 243
Decimal	16644595
CIE Lab	98.00, 0.30, 3.33
CIE LCh	98, 3.346, 84.817
Yxy	94.9163, 0.3188, 0.3348
Android (android.graphics.Color)	4294834675 (0xFFFD9F3)
YUV	249.5120, -3.2104, 3.0590
Hunter-Lab	97.4250, -4.8984, 8.4481

Details

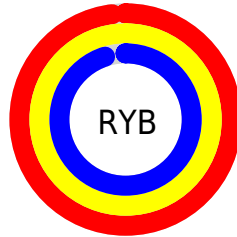
The CIELCh color **98, 3.346, 84.817** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97, 3.352, 266.073**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 3.376, 90.494** is the 20% darker color. If you saturate the color by 10%, you get **95, 12.017, 83.638**, and if you desaturate by 10%, it is **100, 0.771, 200.216**.

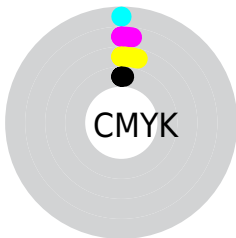
Distribution



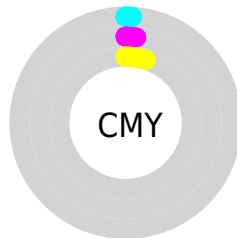
- Red (99%)
- Green (98%)
- Blue (95%)



- Red (98%)
- Yellow (99%)
- Blue (95%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (1%)



- Cyan (1%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 3.346, 84.817 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, 3.346, 84.817 by changing the saturation by 10% instead.

 98, 3.346, 84.817	 98, 3.346, 84.817
 100, 3.346, 84.817	 88, 3.346, 84.817
	 78, 3.346, 84.817
	 68, 3.346, 84.817
	 58, 3.346, 84.817
	 48, 3.346, 84.817
	 38, 3.346, 84.817
	 28, 3.346, 84.817
	 18, 3.346, 84.817
	 8, 3.346, 84.817

98, 3.346, 84.817

98, 3.346, 84.817

95, 12.017, 83.638

100, 0.771,
200.216

92, 20.953, 82.314

89, 30.150, 80.946

86, 39.571, 79.539

83, 49.112, 78.085

81, 58.554, 76.558

78, 67.464, 74.891

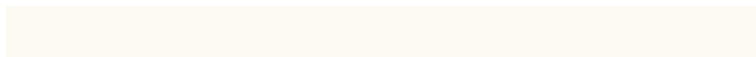
75, 75.078, 72.945

73, 80.344, 70.480

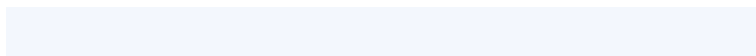
Harmonies

Complementary

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



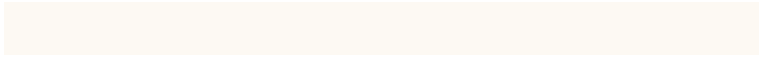
98, 3.346, 84.817



97, 3.352, 266.073

Rectangle

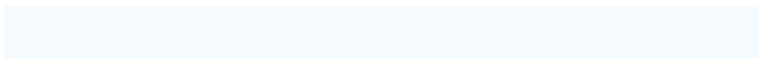
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 3.346, 84.817



98, 3.346, 134.817



98, 3.346, 264.817



98, 3.346, 314.817

Sweetspot

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



98, 3.347, 84.858



100, 0.841, 84.922



97, 4.101, 349.639



53, 0.478, 84.907



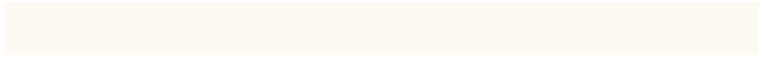
0, 0.000, 0.000



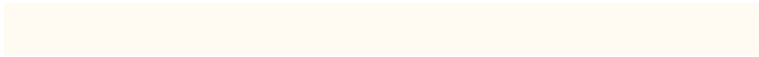
53, 0.007, 296.813

Same Dimension

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



98, 3.347, 84.858



98, 4.271, 84.746



99, 5.083, 113.781



52, 2.918, 84.667



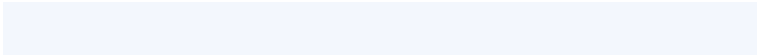
55, 66.701, 69.347



18, 27.385, 71.910

Inverse Universe

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



97, 3.352, 266.073



97, 4.268, 266.192



96, 5.148, 294.442



51, 2.912, 266.278



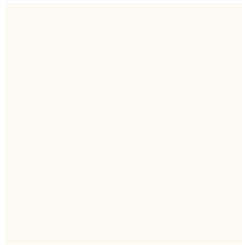
36, 70.626, 292.550



10, 28.373, 286.835

Previews

White Background



This preview shows how the CIELCh color 98, 3.346, 84.817 looks on a white background.

Color Contrast Check

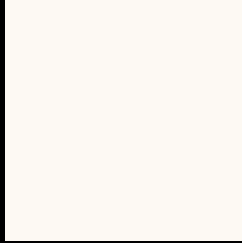
Large Text (above 18pt) WCAG AA × Fail

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, 3.346, 84.817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

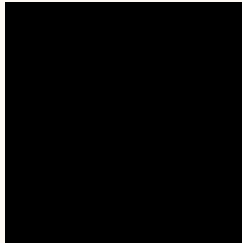
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 3.346, 84.817

Background



This preview shows how black text looks on a background with the CIELCh color 98, 3.346, 84.817.



This preview shows how white text looks on a background with the CIELCh color 98, 3.346, 84.817.

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, 3.346, 84.817

Protanopia

98, 3.537, 65.249

Deuteranopia

98, 2.470, 19.304

Tritanopia
98, 3.859, 311.595

Trichromacy



Original Color

98, 3.346, 84.817

Protanomaly

98, 3.298, 69.695

Deuteranomaly

98, 2.340, 45.008

Tritanomaly

98, 2.096, 332.260

Monochromacy



Original Color

98, 3.346, 84.817

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 1.064, 90.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 3.346, 84.817 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(253, 249, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 249, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 3.346, 84.817 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, 243) }
```

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

```
.border{ border-color:rgb(253, 249, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 249, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 249, 243);  
box-shadow:4px 4px 4px 4px rgb(253, 249,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 3.346, 84.817 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, 243) }
```

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

```
.background{ background-color: rgb(253,  
249, 243) }
```

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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