

Converting Colors

CIE LCh(99, 11.243, 54.601)

Have a look what the booklet for
CIELCh(99, 11.243, 54.601) contains.

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Color

CIELCh(98, 6.732, 84.369)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8EC
RGB	255, 248, 236
RGB Percent	100%, 97%, 93%
CMY	0.0000, 0.0262, 0.0733
CMYK	0.00, 0.03, 0.07, 0.00
HSL	39°, 100%, 96%
HSV	39°, 7%, 100%
XYZ	90.5794, 94.9163, 93.1359
YIQ	248.7250, 8.0240, -2.2480

Conversions

Conversions Part 2

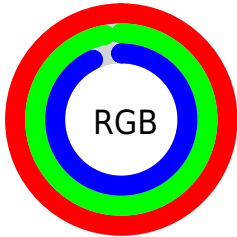
Format	Color
R _Y B	247, 255, 236
Decimal	16775404
CIE Lab	98.00, 0.66, 6.70
CIE LCh	98, 6.732, 84.369
Yxy	94.9163, 0.3251, 0.3407
Android (android.graphics.Color)	4294965484 (0xFFFFF8EC)
YUV	248.7250, -6.2734, 5.5032
Hunter-Lab	97.4250, -4.5361, 11.5177

Details

The CIELCh color **98, 6.732, 84.369** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 6.539, 270.180**, 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, 6.781, 89.970** is the 20% darker color. If you saturate the color by 10%, you get **95, 15.680, 86.930**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

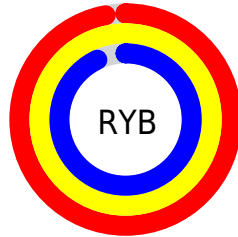
Distribution



Red (100%)

Green (97%)

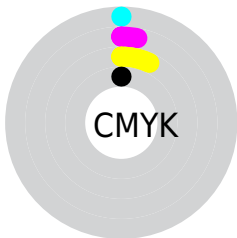
Blue (93%)



Red (97%)

Yellow (100%)

Blue (93%)

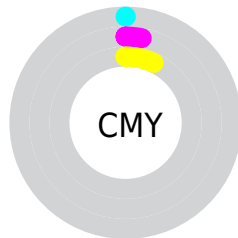


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 6.732, 84.369 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, 6.732, 84.369 by changing the saturation by 10% instead.

 98, 6.732, 84.369

 98, 6.732, 84.369

 100, 6.732, 84.369

 88, 6.732, 84.369

 78, 6.732, 84.369

 68, 6.732, 84.369

 58, 6.732, 84.369

 48, 6.732, 84.369

 38, 6.732, 84.369

 28, 6.732, 84.369

 18, 6.732, 84.369

 8, 6.732, 84.369

98, 6.732, 84.369

98, 6.732, 84.369

95, 15.680, 86.930

100, 0.012,
296.813

92, 25.031, 85.595

90, 34.573, 84.215

87, 44.232, 82.793

84, 53.849, 81.318

82, 63.112, 79.756

80, 71.457, 78.035

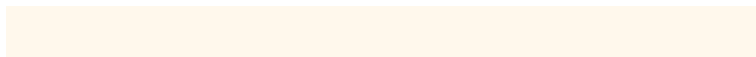
77, 77.996, 76.007

75, 81.779, 73.457

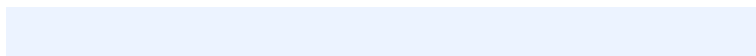
Harmonies

Complementary

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



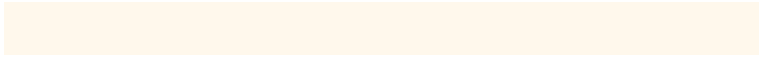
98, 6.732, 84.369



96, 6.539, 270.180

Rectangle

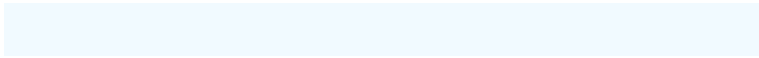
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 6.732, 84.369



98, 6.732, 134.369



98, 6.732, 264.369



98, 6.732, 314.369

Sweetspot

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



98, 6.545, 88.202



99, 1.767, 88.748



95, 7.543, 352.116



53, 1.004, 88.751



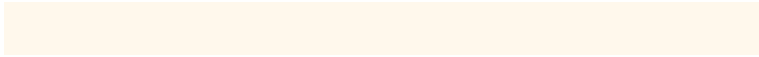
0, 0.000, 0.000



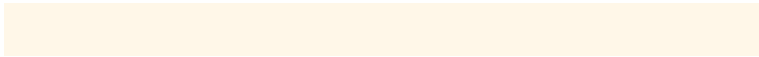
53, 0.007, 296.813

Same Dimension

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



98, 6.545, 88.202



97, 8.055, 87.997



99, 9.516, 114.846



52, 5.092, 87.934



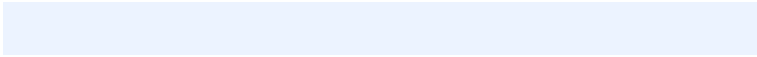
57, 66.450, 73.314



19, 27.799, 76.062

Inverse Universe

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



96, 6.539, 270.180



95, 8.034, 270.406



94, 9.685, 296.000



50, 5.077, 270.476



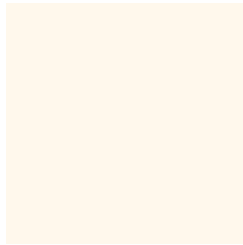
34, 75.986, 295.307



9, 30.477, 289.960

Previews

White Background



This preview shows how the CIELCh color 98, 6.732, 84.369 looks on a white background.

Color Contrast Check

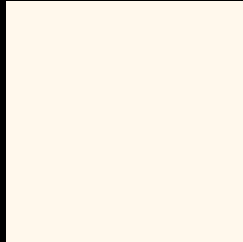
Large Text (above 18pt) WCAG AA × Fail

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, 6.732, 84.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

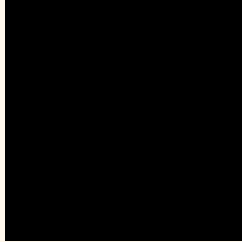
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 6.732, 84.369

Background



This preview shows how black text looks on a background with the CIELCh color 98, 6.732, 84.369.

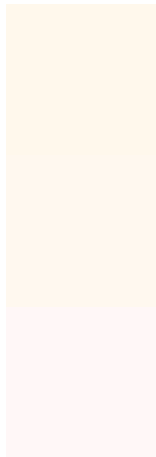


This preview shows how white text looks on a background with the CIELCh color 98, 6.732, 84.369.

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, 6.582, 87.227

Protanopia

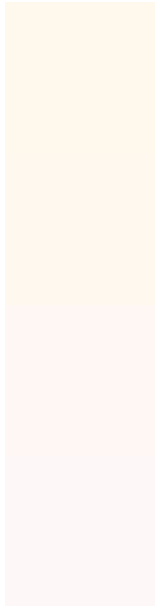
98, 5.196, 81.002

Deuteranopia

98, 2.827, 19.362

Tritanopia
98, 4.619, 317.378

Trichromacy



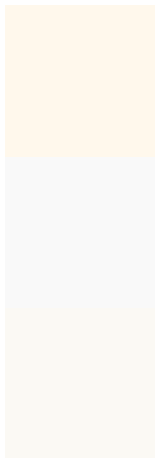
Original Color
98, 6.582, 87.227

Protanomaly
98, 5.650, 83.422

Deuteranomaly
98, 3.479, 55.154

Tritanomaly
98, 2.528, 7.691

Monochromacy



Original Color
98, 6.582, 87.227

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, 6.732, 84.369 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(255, 248, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 236)  
}
```

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(255, 248, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 6.732, 84.369 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(255, 248, 236) }
```

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

```
.border{ border-color:rgb(255, 248, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 6.732, 84.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 236) }
```

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

```
.background{ background-color: rgb(255,  
248, 236) }
```

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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