

Converting Colors

CIELCh(98, 9.850, 107.770)

Have a look what the booklet for
CIELCh(98, 9.850, 107.770) contains.

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Color

CIELCh(98, 9.657, 107.293)

Conversions

Conversions Part 1

Format	Color
Hex	FBFAE7
RGB	251, 250, 231
RGB Percent	98%, 98%, 91%
CMY	0.0145, 0.0184, 0.0929
CMYK	0.00, 0.00, 0.08, 0.01
HSL	57°, 73%, 95%
HSV	57°, 8%, 99%
XYZ	88.6432, 94.9163, 89.4748
YIQ	248.1330, 6.6950, -5.6970

Conversions

Conversions Part 2

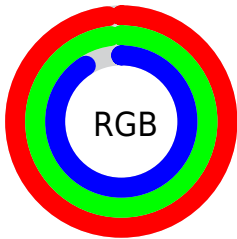
Format	Color
R_{YB}	232, 251, 231
Decimal	16513767
CIE Lab	98.00, -2.87, 9.22
CIE LCh	98, 9.657, 107.293
Yxy	94.9163, 0.3247, 0.3476
Android (android.graphics.Color)	4294703847 (0xFFFBFAE7)
YUV	248.1330, -8.4466, 2.5144
Hunter-Lab	97.4250, -8.0835, 13.7457

Details

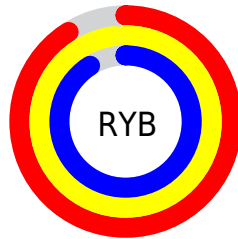
The CIELCh color **98, 9.657, 107.293** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 9.830, 288.971**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 10.123, 109.238** is the 20% darker color. If you saturate the color by 10%, you get **97, 21.773, 106.287**, and if you desaturate by 10%, it is **99, 1.760, 287.463**.

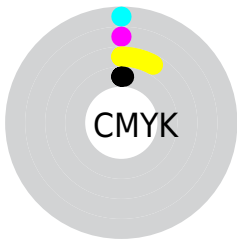
Distribution



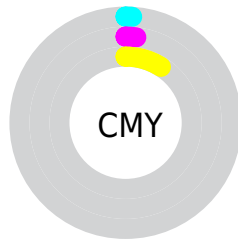
- Red (98%)
- Green (98%)
- Blue (91%)



- Red (91%)
- Yellow (98%)
- Blue (91%)



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



- Cyan (1%)
- Magenta (2%)
- Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 9.657, 107.293 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, 9.657, 107.293 by changing the saturation by 10% instead.

 98, 9.657, 107.293

 98, 9.657, 107.293

 100, 9.657,
107.293

 88, 9.657, 107.293

 78, 9.657, 107.293

 68, 9.657, 107.293

 58, 9.657, 107.293

 48, 9.657, 107.293

 38, 9.657, 107.293

 28, 9.657, 107.293

 18, 9.657, 107.293

 8, 9.657, 107.293

98, 9.657, 107.293

98, 9.657, 107.293

97, 21.773,
106.287

99, 1.760, 287.463

96, 33.777,
105.258

99, 1.230, 265.144

96, 45.548,
104.237

100, 1.067,
226.434

95, 56.892,
103.243

100, 1.282,
199.841

94, 67.500,
102.302

94, 76.911,
101.443

93, 84.510,
100.698

93, 89.650,
100.092

Harmonies

Complementary

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



98, 9.657, 107.293



93, 9.830, 288.971

Rectangle

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



98, 9.657, 107.293



98, 9.657, 157.293



98, 9.657, 287.293



98, 9.657, 337.293

Sweetspot

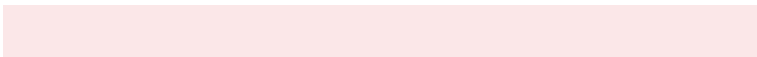
The Sweet Spot groups the original color and five complimentary colors.



98, 9.659, 107.304



100, 2.448, 107.874



93, 7.234, 15.757



53, 1.391, 107.881



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, 9.659, 107.304



99, 12.279, 107.098



98, 10.699, 126.944



52, 6.866, 107.150



72, 74.517, 99.597



24, 33.024, 100.283

Inverse Universe

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



93, 9.830, 288.971



92, 12.542, 289.205



93, 10.842, 307.669



48, 7.007, 289.145



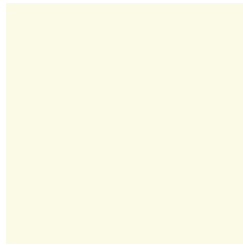
23, 104.478, 305.705



4, 40.557, 300.001

Previews

White Background



This preview shows how the CIELCh color 98, 9.657, 107.293 looks on a white background.

Color Contrast Check

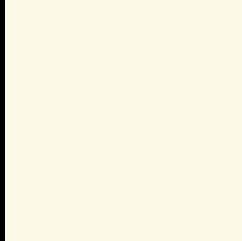
Large Text (above 18pt) WCAG AA × Fail

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, 9.657, 107.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

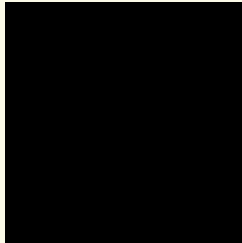
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 9.657, 107.293

Background



This preview shows how black text looks on a background with the CIELCh color 98, 9.657, 107.293.

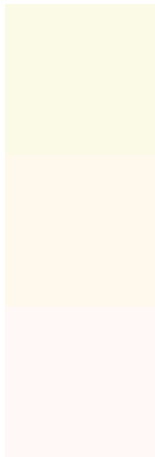


This preview shows how white text looks on a background with the CIELCh color 98, 9.657, 107.293.

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, 9.657, 107.293

Protanopia

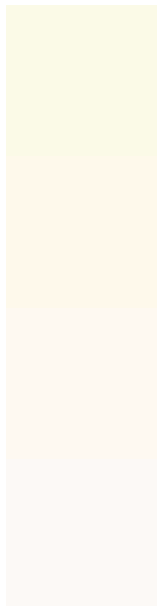
98, 6.450, 90.201

Deuteranopia

98, 2.666, 41.733

Tritanopia
98, 3.859, 311.595

Trichromacy



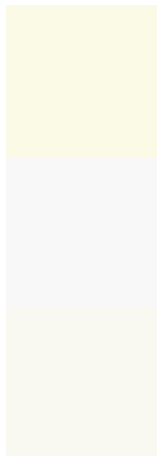
Original Color
98, 9.657, 107.293

Protanomaly
98, 7.325, 95.413

Deuteranomaly
98, 4.421, 86.082

Tritanomaly
98, 1.841, 74.893

Monochromacy



Original Color
98, 9.657, 107.293

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 3.555, 109.886

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 9.657, 107.293 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(251, 250, 231)` looks like.

```
.text, #text, p{  
    color:rgb(251, 250, 231)  
}
```

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(251, 250, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 250, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 9.657, 107.293 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(251, 250, 231) }
```

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

```
.border{ border-color:rgb(251, 250, 231) }
```

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

Here you see how a box with a 4 pixel rgb(251, 250, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 250, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 250, 231);  
box-shadow:4px 4px 4px 4px rgb(251, 250,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 9.657, 107.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 250, 231) }
```

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

```
.background{ background-color: rgb(251,  
250, 231) }
```

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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