

Converting Colors

CIELCh(100, 37.989, 95.928)

Have a look what the booklet for
CIELCh(100, 37.989, 95.928)
contains.

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Color

CIElCh(98, 37.154, 107.345)

Conversions

Conversions Part 1

Format	Color
Hex	FEFEB4
RGB	254, 254, 180
RGB Percent	100%, 100%, 71%
CMY	0.0055, 0.0054, 0.2953
CMYK	0.00, 0.00, 0.29, 0.01
HSL	60°, 96%, 85%
HSV	60°, 29%, 99%
XYZ	84.2507, 94.9163, 56.8923
YIQ	245.5640, 23.7540, -23.0140

Conversions

Conversions Part 2

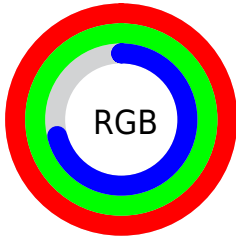
Format	Color
R_{YB}	180, 254, 180
Decimal	16711348
CIE _{Lab}	98.00, -11.08, 35.46
CIE _{LCh}	98, 37.154, 107.345
Yxy	94.9163, 0.3569, 0.4021
Android (android.graphics.Color)	4294901428 (0xFFFEFEB4)
YUV	245.5640, -32.3231, 7.3984
Hunter-Lab	97.4250, -16.1313, 33.5745

Details

The CIELCh color **98, 37.154, 107.345** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76, 39.903, 293.798**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.618, 109.449**, and **78, 37.225, 107.357** is the 20% darker color. If you saturate the color by 10%, you get **98, 49.451, 106.396**, and if you desaturate by 10%, it is **98, 24.544, 108.323**.

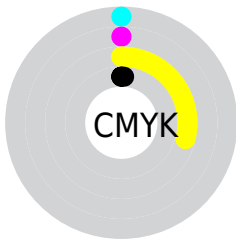
Distribution



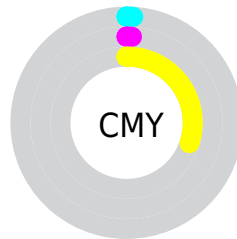
- Red (100%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (0%)
- Yellow (29%)
- Black (1%)





- Cyan (1%)
- Magenta (1%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 37.154, 107.345 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, 37.154, 107.345 by changing the saturation by 10% instead.


 98, 37.154,
107.345


 98, 37.154,
107.345


 100, 37.154,
107.345


 88, 37.154,
107.345

 78, 37.154,
107.345

 68, 37.154,
107.345

 58, 37.154,
107.345

 48, 37.154,
107.345

 38, 37.154,
107.345

 28, 37.154,

107.345

■ 18, 37.154,
107.345

■ 8, 37.154, 107.345

■ 98, 37.154,
107.345

■ 98, 37.154,
107.345

■ 98, 49.451,
106.396

■ 98, 24.544,
108.323

■ 97, 61.205,
105.490

■ 99, 11.759,
109.299

■ 97, 72.073,
104.664

■ 100, 0.712,
290.360

■ 97, 81.564,
103.955

■ 100, 0.712,
290.612

■ 97, 89.068,
103.406

100, 0.712,
290.864

■ 97, 94.019,
103.050

100, 0.712,
291.116

■ 97, 96.365,
102.885

100, 0.712,
291.368

■ 97, 96.513,
102.874

100, 0.712,
291.620

100, 0.712,
291.872

Harmonies

Complementary

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



98, 37.154, 107.345



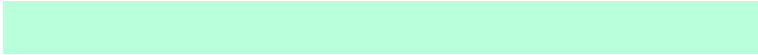
76, 39.903, 293.798

Rectangle

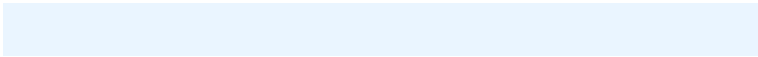
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 37.154, 107.345



98, 37.154, 157.345



98, 37.154, 287.345



98, 37.154, 337.345

Sweetspot

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



98, 37.156, 107.349



99, 11.616, 109.314



80, 28.967, 21.842



53, 8.070, 109.173



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

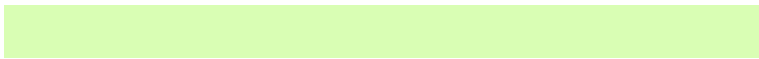
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 37.156, 107.349



98, 44.593, 106.786



95, 39.890, 127.700



53, 7.338, 109.265



75, 78.056, 102.874



26, 35.525, 103.013

Inverse Universe

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



76, 39.903, 293.798



71, 48.736, 294.753



79, 41.564, 310.499



49, 7.504, 291.187



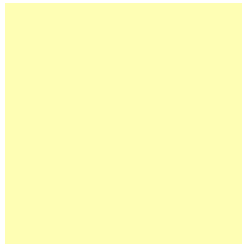
23, 107.779, 306.288



3, 44.128, 301.766

Previews

White Background



This preview shows how the CIE LCh color 98, 37.154, 107.345 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, 37.154, 107.345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

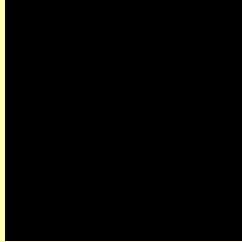
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 37.154, 107.345

Background



This preview shows how black text looks on a background with the CIELCh color 98, 37.154, 107.345.

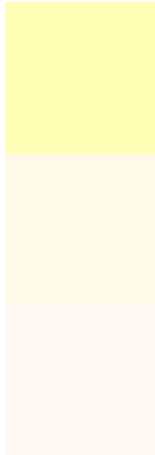


This preview shows how white text looks on a background with the CIELCh color 98, 37.154, 107.345.

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, 37.179, 107.334

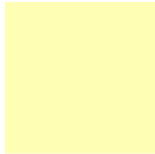
Protanopia
98, 9.388, 96.089

Deuteranopia
98, 3.537, 65.249



Tritanopia
98, 4.569, 328.153

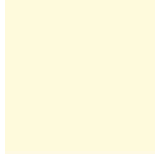
Trichromacy



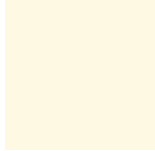
Original Color
98, 37.179, 107.334



Protanomaly
98, 19.794, 105.434

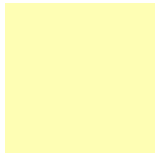


Deuteranomaly
98, 15.293, 103.490

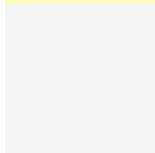


Tritanomaly
98, 11.317, 100.061

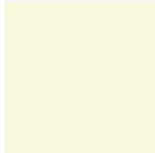
Monochromacy



Original Color
98, 37.179, 107.334



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 13.734, 109.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 37.154, 107.345 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, 254, 180)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 180)  
}
```

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, 254, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 37.154, 107.345 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, 254, 180) }
```

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

```
.border{ border-color:rgb(254, 254, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 254, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 180);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 37.154, 107.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 254, 180) }
```

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

```
.background{ background-color: rgb(254,  
254, 180) }
```

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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