

Converting Colors

CIELCh(98, 51.944, 108.497)

Have a look what the booklet for
CIELCh(98, 51.944, 108.497)
contains.

CIELCh(98, 51.667, 107.986)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(98, 51.667, 107.986)

Conversions

Conversions Part 1

Format	Color
Hex	FCFF98
RGB	252, 255, 152
RGB Percent	99%, 100%, 60%
CMY	0.0126, 0.0000, 0.4050
CMYK	0.01, 0.00, 0.41, 0.00
HSL	62°, 100%, 80%
HSV	62°, 41%, 100%
XYZ	81.7100, 94.9163, 43.5961
YIQ	242.3610, 31.2750, -32.6690

Conversions

Conversions Part 2

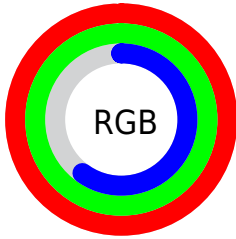
Format	Color
RYB	152, 255, 155
Decimal	16580504
CIELab	98.00, -15.95, 49.14
CIElCh	98, 51.667, 107.986
Yxy	94.9163, 0.3710, 0.4310
Android (android.graphics.Color)	4294770584 (0xFFFCFF98)
YUV	242.3610, -44.5480, 8.4534
Hunter-Lab	97.4250, -20.7863, 41.6662

Details

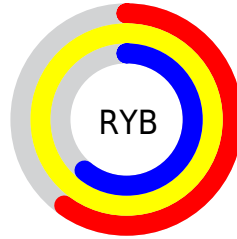
The CIELCh color **98, 51.667, 107.986** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **67, 57.081, 296.619**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 23.732, 108.378**, and **78, 50.941, 107.366** is the 20% darker color. If you saturate the color by 10%, you get **97, 63.029, 106.833**, and if you desaturate by 10%, it is **98, 39.028, 108.581**.

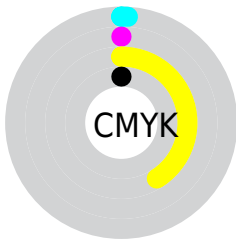
Distribution



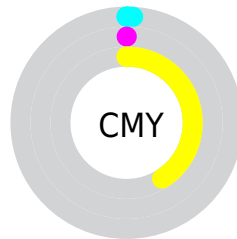
- Red (99%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (61%)



- Cyan (1%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 51.667, 107.986 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, 51.667, 107.986 by changing the saturation by 10% instead.


 98, 51.667,
107.986


 98, 51.667,
107.986


 100, 51.667,
107.986


 88, 51.667,
107.986

 78, 51.667,
107.986

 68, 51.667,
107.986

 58, 51.667,
107.986

 48, 51.667,
107.986

 38, 51.667,
107.986

 28, 51.667,

107.986

■ 18, 51.667,
107.986

■ 8, 51.667, 107.986

■ 98, 51.667,
107.986

■ 98, 51.667,
107.986

■ 97, 63.029,
106.833

■ 98, 39.028,
108.581

■ 97, 73.792,
106.076

■ 99, 26.390,
109.507

■ 97, 83.099,
105.456

■ 99, 13.561,
110.436

■ 97, 90.328,
105.022

■ 100, 0.641,
111.263

■ 97, 94.939,
104.816

100, 0.012,
296.813

■ 97, 96.994,
104.822

Harmonies

Complementary

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



98, 51.667, 107.986



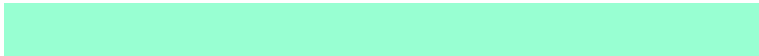
67, 57.081, 296.619

Rectangle

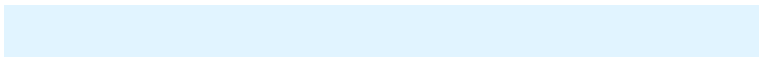
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 51.667, 107.986



98, 51.667, 157.986



98, 51.667, 287.986



98, 51.667, 337.986

Sweetspot

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



98, 51.320, 107.680



99, 15.488, 110.298



74, 41.497, 24.586



53, 10.270, 110.177



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

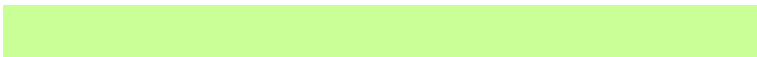
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 51.320, 107.680



97, 61.318, 106.956



94, 55.543, 127.742



53, 7.341, 110.528



75, 78.121, 104.789



26, 35.532, 104.725

Inverse Universe

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



67, 57.081, 296.619



60, 70.287, 298.166



71, 58.784, 311.655



49, 7.508, 292.349



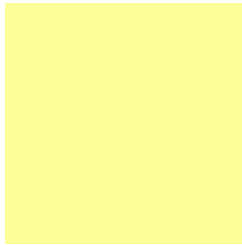
23, 107.625, 306.375



3, 44.204, 302.392

Previews

White Background



This preview shows how the CIE LCh color 98, 51.667, 107.986 looks on a white background.

Color Contrast Check

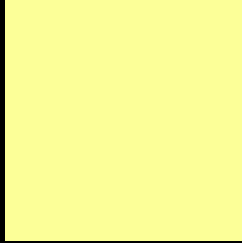
Large Text (above 18pt) WCAG AA × Fail

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, 51.667, 107.986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

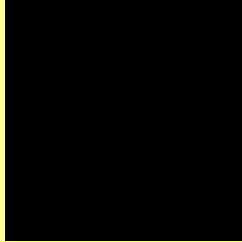
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 51.667, 107.986

Background



This preview shows how black text looks on a background with the CIELCh color 98, 51.667, 107.986.



This preview shows how white text looks on a background with the CIELCh color 98, 51.667, 107.986.

Color Blindness Simulation

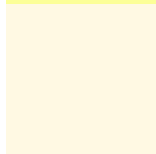
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



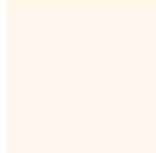
Original Color

98, 51.183, 107.594



Protanopia

98, 11.379, 98.242



Deuteranopia

98, 4.545, 70.928

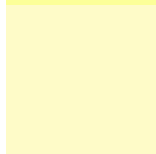


Tritanopia
98, 5.191, 327.752

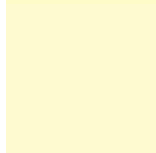
Trichromacy



Original Color
98, 51.183, 107.594



Protanomaly
98, 25.828, 105.681



Deuteranomaly
98, 21.342, 104.522

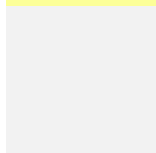


Tritanomaly
98, 16.350, 102.441

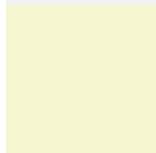
Monochromacy



Original Color
98, 51.183, 107.594



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 19.331, 109.781

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 51.667, 107.986 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(252, 255, 152)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 152)  
}
```

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(252, 255, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 51.667, 107.986 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(252, 255, 152) }
```

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

```
.border{ border-color:rgb(252, 255, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 255, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 152);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 51.667, 107.986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 152) }
```

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

```
.background{ background-color: rgb(252,  
255, 152) }
```

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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