

Converting Colors

CIELCh(100, 45.890, 106.350)

Have a look what the booklet for
CIELCh(100, 45.890, 106.350)
contains.

CIELCh(98, 43.504, 106.854)	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, 43.504, 106.854)

Conversions

Conversions Part 1

Format	Color
Hex	FEFEA7
RGB	254, 254, 167
RGB Percent	100%, 100%, 65%
CMY	0.0032, 0.0031, 0.3441
CMYK	0.00, 0.00, 0.34, 0.00
HSL	60°, 98%, 83%
HSV	60°, 34%, 100%
XYZ	83.4446, 94.9163, 50.6013
YIQ	244.0820, 27.9270, -27.0570

Conversions

Conversions Part 2

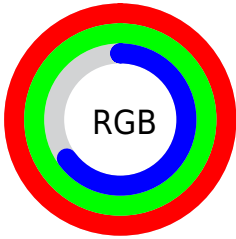
Format	Color
RYB	167, 254, 167
Decimal	16711335
CIELab	98.00, -12.61, 41.64
CIELCh	98, 43.504, 106.854
Yxy	94.9163, 0.3644, 0.4145
Android (android.graphics.Color)	4294901415 (0xFFFEFEA7)
YUV	244.0820, -38.0014, 8.6981
Hunter-Lab	97.4250, -17.6082, 37.4030

Details

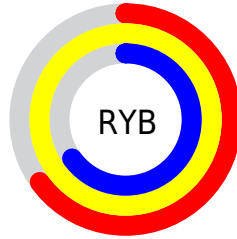
The CIELCh color **98, 43.504, 106.854** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **72, 47.430, 294.615**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 16.187, 108.954**, and **78, 43.228, 106.714** is the 20% darker color. If you saturate the color by 10%, you get **98, 55.584, 105.925**, and if you desaturate by 10%, it is **98, 31.008, 107.824**.

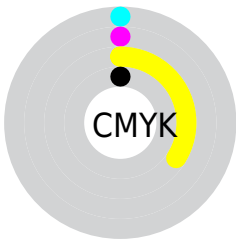
Distribution



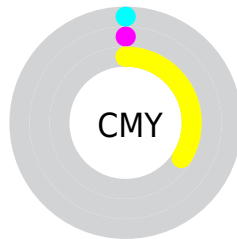
- Red (100%)
- Green (100%)
- Blue (65%)



- Red (65%)
- Yellow (100%)
- Blue (65%)



- Cyan (0%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 43.504, 106.854 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, 43.504, 106.854 by changing the saturation by 10% instead.

 98, 43.504,
106.854

 98, 43.504,
106.854


 100, 43.504,
106.854

 88, 43.504,
106.854

 78, 43.504,
106.854

 68, 43.504,
106.854

 58, 43.504,
106.854

 48, 43.504,
106.854

 38, 43.504,
106.854

 28, 43.504,

106.854

■ 18, 43.504,
106.854

■ 8, 43.504, 106.854

■ 98, 43.504,
106.854

■ 98, 43.504,
106.854

■ 98, 55.584,
105.925

■ 98, 31.008,
107.824

■ 97, 66.962,
105.054

■ 99, 18.273,
108.802

■ 97, 77.223,
104.282

■ 99, 5.416, 109.768

■ 97, 85.804,
103.649

■ 100, 0.414,
290.567

■ 100, 0.414,

■ 97, 92.082,
103.194

290.866

■ 97, 95.639,
102.941

100, 0.414,
291.164

■ 97, 96.682,
102.867

100, 0.414,
291.462

100, 0.414,
291.760

100, 0.414,
292.058

Harmonies

Complementary

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



98, 43.504, 106.854



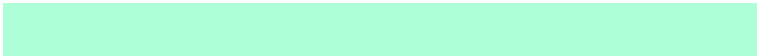
72, 47.430, 294.615

Rectangle

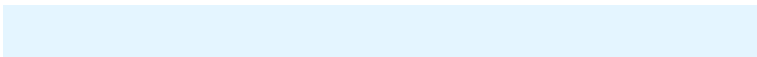
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 43.504, 106.854



98, 43.504, 156.854



98, 43.504, 286.854



98, 43.504, 336.854

Sweetspot

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



98, 43.506, 106.857



99, 12.905, 109.212



77, 34.696, 22.502



53, 8.802, 109.076



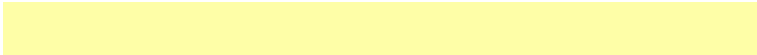
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

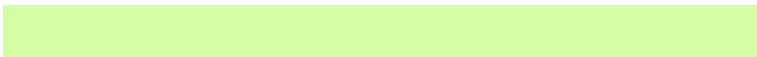
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 43.506, 106.857



98, 51.900, 106.218



95, 46.788, 127.452



53, 7.338, 109.260



75, 78.056, 102.867



26, 35.525, 103.007

Inverse Universe

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



72, 47.430, 294.615



66, 57.840, 295.820



75, 49.139, 310.776



49, 7.504, 291.183



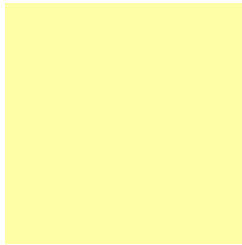
23, 107.780, 306.288



3, 44.127, 301.763

Previews

White Background



This preview shows how the CIE LCh color 98, 43.504, 106.854 looks on a white background.

Color Contrast Check

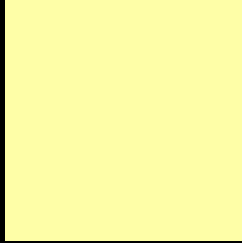
Large Text (above 18pt) WCAG AA × Fail

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, 43.504, 106.854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

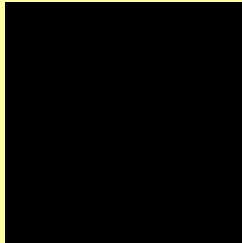
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 43.504, 106.854

Background



This preview shows how black text looks on a background with the CIELCh color 98, 43.504, 106.854.

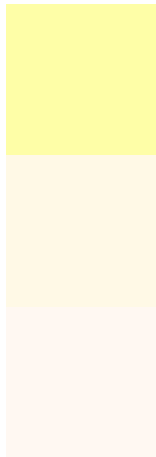


This preview shows how white text looks on a background with the CIELCh color 98, 43.504, 106.854.

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, 43.532, 106.842

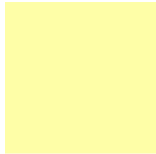
Protanopia
98, 9.885, 96.715

Deuteranopia
98, 3.919, 70.425



Tritanopia
98, 4.569, 328.153

Trichromacy



Original Color
98, 43.532, 106.842



Protanomaly
98, 22.332, 104.622

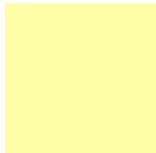


Deuteranomaly
98, 17.848, 102.855

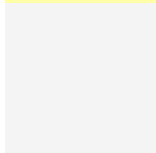


Tritanomaly
98, 14.324, 101.728

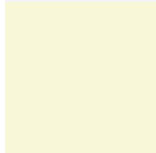
Monochromacy



Original Color
98, 43.532, 106.842



Achromatopsia
96, 0.011, 296.813



Achromatomaly
97, 16.271, 108.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 43.504, 106.854 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 43.504, 106.854 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, 167) }
```

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

```
.border{ border-color:rgb(254, 254, 167) }
```

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, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 167);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 43.504, 106.854 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, 167) }
```

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

```
.background{ background-color: rgb(254,  
254, 167) }
```

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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