

Converting Colors

CIELCh(98, 43.805, 110.135)

Have a look what the booklet for
CIELCh(98, 43.805, 110.135)
contains.

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Color

CIElCh(98, 43.576, 109.930)

Conversions

Conversions Part 1

Format	Color
Hex	FAFFA8
RGB	250, 255, 168
RGB Percent	98%, 100%, 66%
CMY	0.0215, 0.0000, 0.3393
CMYK	0.02, 0.00, 0.34, 0.00
HSL	64°, 100%, 83%
HSV	64°, 34%, 100%
XYZ	82.2786, 94.9163, 51.2599
YIQ	243.5870, 24.9470, -28.1170

Conversions

Conversions Part 2

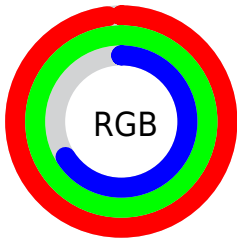
Format	Color
R_{YB}	168, 255, 173
Decimal	16449448
CIE _{Lab}	98.00, -14.85, 40.97
CIE _{LCh}	98, 43.576, 109.930
Yxy	94.9163, 0.3602, 0.4155
Android (android.graphics.Color)	4294639528 (0xFFFAFFA8)
YUV	243.5870, -37.2644, 5.6242
Hunter-Lab	97.4250, -19.7446, 37.0022

Details

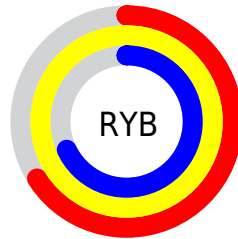
The CIELCh color **98, 43.576, 109.930** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **72, 47.174, 296.551**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 15.682, 108.992**, and **78, 43.273, 109.481** is the 20% darker color. If you saturate the color by 10%, you get **97, 55.474, 108.867**, and if you desaturate by 10%, it is **98, 30.782, 110.575**.

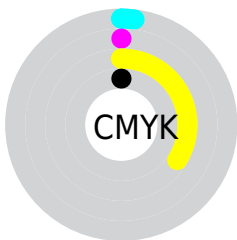
Distribution



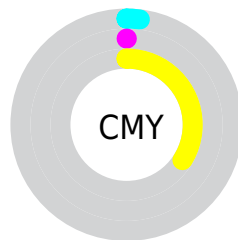
- Red (98%)
- Green (100%)
- Blue (66%)



- Red (66%)
- Yellow (100%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 43.576, 109.930 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, 43.576, 109.930 by changing the saturation by 10% instead.


 98, 43.576,
109.930


 98, 43.576,
109.930


 100, 43.576,
109.930


 88, 43.576,
109.930

 78, 43.576,
109.930

 68, 43.576,
109.930

 58, 43.576,
109.930

 48, 43.576,
109.930

 38, 43.576,
109.930

 28, 43.576,

109.930

■ 18, 43.576,
109.930

■ 8, 43.576, 109.930

■ 98, 43.576,
109.930

■ 98, 43.576,
109.930

■ 97, 55.474,
108.867

■ 98, 30.782,
110.575

■ 97, 66.921,
108.099

■ 99, 17.992,
111.457

■ 97, 77.270,
107.444

■ 100, 5.081,
112.327

■ 96, 85.963,
106.959

■ 100, 0.012,
296.813

■ 96, 92.377,
106.702

■ 96, 96.076,
106.717

■ 96, 97.217,
106.837

Harmonies

Complementary

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



98, 43.576, 109.930



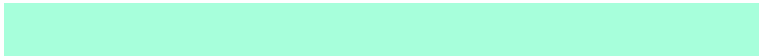
72, 47.174, 296.551

Rectangle

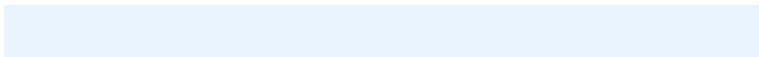
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 43.576, 109.930



98, 43.576, 159.930



98, 43.576, 289.930



98, 43.576, 339.930

Sweetspot

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



98, 43.336, 109.703



99, 12.925, 111.803



78, 32.967, 26.143



53, 8.816, 111.680



0, 0.000, 0.000



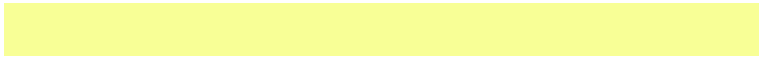
53, 0.007, 296.813

Same Dimension

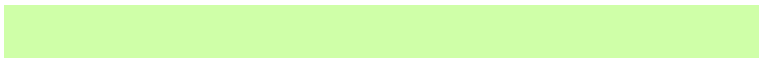
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 43.336, 109.703



98, 51.972, 109.107



95, 47.157, 129.217



53, 7.349, 111.846



74, 78.295, 106.770



26, 35.579, 106.500

Inverse Universe

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



72, 47.174, 296.551



67, 57.853, 297.640



76, 49.216, 312.390



49, 7.515, 293.563



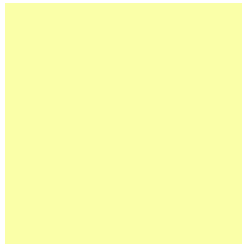
23, 107.462, 306.468



4, 44.279, 303.025

Previews

White Background



This preview shows how the CIE LCh color 98, 43.576, 109.930 looks on a white background.

Color Contrast Check

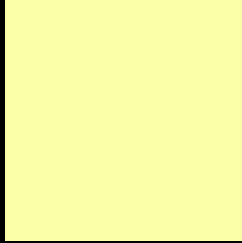
Large Text (above 18pt) WCAG AA × Fail

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, 43.576, 109.930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

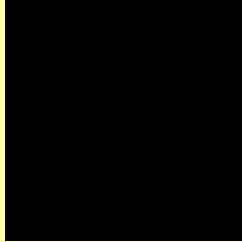
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 43.576, 109.930

Background



This preview shows how black text looks on a background with the CIELCh color 98, 43.576, 109.930.



This preview shows how white text looks on a background with the CIELCh color 98, 43.576, 109.930.

Color Blindness Simulation

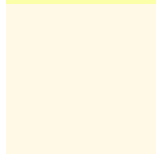
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



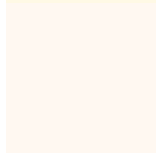
Original Color

98, 43.554, 109.420



Protanopia

98, 10.382, 97.276



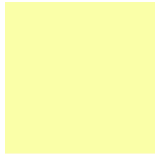
Deuteranopia

98, 4.327, 74.647



Tritanopia
98, 5.413, 321.519

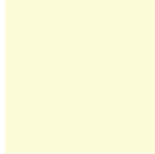
Trichromacy



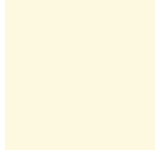
Original Color
98, 43.554, 109.420



Protanomaly
98, 22.298, 106.546



Deuteranomaly
98, 18.266, 106.458

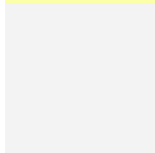


Tritanomaly
98, 12.746, 104.270

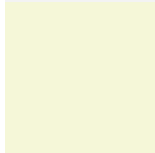
Monochromacy



Original Color
98, 43.554, 109.420



Achromatopsia
96, 0.011, 296.813



Achromatomaly
96, 15.801, 111.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 43.576, 109.930 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(250, 255, 168)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 168)  
}
```

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(250, 255, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 43.576, 109.930 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(250, 255, 168) }
```

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

```
.border{ border-color:rgb(250, 255, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 255, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 168);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 43.576, 109.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 168) }
```

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

```
.background{ background-color: rgb(250,  
255, 168) }
```

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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