

Converting Colors

CIELCh(100, 59.021, 110.107)

Have a look what the booklet for
CIELCh(100, 59.021, 110.107)
contains.

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Color

CIELCh(98, 54.926, 106.807)

Conversions

Conversions Part 1

Format	Color
Hex	FEFF91
RGB	254, 255, 145
RGB Percent	100%, 100%, 57%
CMY	0.0055, 0.0000, 0.4331
CMYK	0.01, 0.00, 0.43, 0.00
HSL	61°, 100%, 78%
HSV	61°, 43%, 100%
XYZ	81.7473, 94.9163, 40.6166
YIQ	242.1610, 34.7140, -34.4220

Conversions

Conversions Part 2

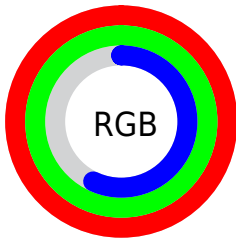
Format	Color
R_{YB}	145, 255, 146
Decimal	16711569
CIE _{Lab}	98.00, -15.88, 52.58
CIE _{LCh}	98, 54.926, 106.807
Yxy	94.9163, 0.3762, 0.4368
Android (android.graphics.Color)	4294901649 (0xFFFEFF91)
YUV	242.1610, -47.9004, 10.3828
Hunter-Lab	97.4250, -20.7181, 43.4794

Details

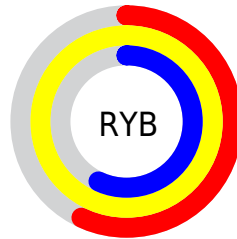
The CIELCh color **98, 54.926, 106.807** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **65, 61.408, 296.600**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 27.235, 108.110**, and **78, 54.160, 106.066** is the 20% darker color. If you saturate the color by 10%, you get **98, 66.151, 105.724**, and if you desaturate by 10%, it is **98, 42.513, 107.498**.

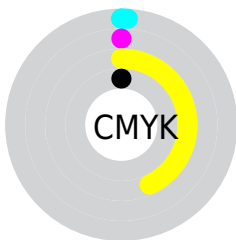
Distribution



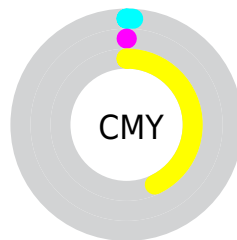
- Red (100%)
- Green (100%)
- Blue (57%)



- Red (57%)
- Yellow (100%)
- Blue (57%)



- Cyan (1%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 54.926, 106.807 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, 54.926, 106.807 by changing the saturation by 10% instead.


 98, 54.926,
106.807


 98, 54.926,
106.807

 100, 54.926,
106.807


 88, 54.926,
106.807

 78, 54.926,
106.807

 68, 54.926,
106.807

 58, 54.926,
106.807

 48, 54.926,
106.807

 38, 54.926,
106.807

 28, 54.926,

106.807

■ 18, 54.926,
106.807

■ 8, 54.926, 106.807

■ 98, 54.926,
106.807

■ 98, 54.926,
106.807

■ 98, 66.151,
105.724

■ 98, 42.513,
107.498

■ 97, 76.559,
104.966

■ 99, 29.956,
108.448

■ 97, 85.337,
104.348

■ 99, 17.173,
109.407

■ 97, 91.862,
103.916

■ 100, 4.275,
110.349

■ 97, 95.677,
103.699

100, 0.012,
296.813

■ 97, 96.928,
103.655

Harmonies

Complementary

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



98, 54.926, 106.807



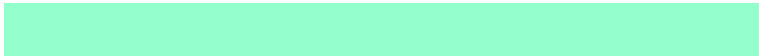
65, 61.408, 296.600

Rectangle

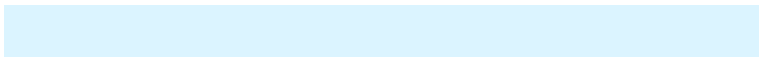
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 54.926, 106.807



98, 54.926, 156.807



98, 54.926, 286.807



98, 54.926, 336.807

Sweetspot

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



98, 54.668, 106.581



99, 16.769, 109.437



72, 45.435, 23.943



53, 11.727, 109.226



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

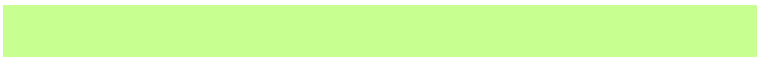
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 54.668, 106.581



98, 64.693, 105.832



94, 58.980, 127.022



53, 7.339, 109.770



75, 78.070, 103.641



26, 35.523, 103.699

Inverse Universe

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



65, 61.408, 296.600



58, 75.055, 298.307



69, 62.866, 311.277



49, 7.505, 291.651



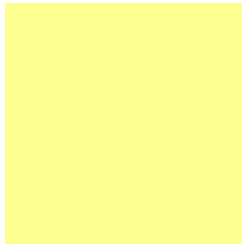
23, 107.717, 306.323



3, 44.158, 302.018

Previews

White Background



This preview shows how the CIE LCh color 98, 54.926, 106.807 looks on a white background.

Color Contrast Check

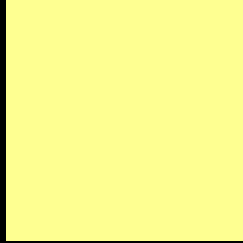
Large Text (above 18pt) WCAG AA × Fail

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, 54.926, 106.807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

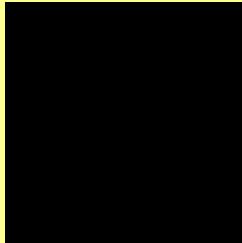
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 54.926, 106.807

Background



This preview shows how black text looks on a background with the CIELCh color 98, 54.926, 106.807.

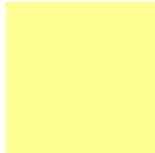


This preview shows how white text looks on a background with the CIELCh color 98, 54.926, 106.807.

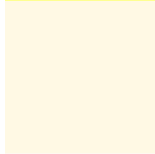
Color Blindness Simulation

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](#).

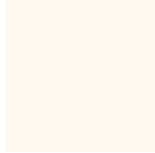
Dichromacy




Original Color
98, 54.456, 106.430



Protanopia
98, 10.880, 97.783



Deuteranopia
98, 4.754, 78.119

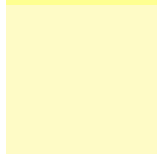


Tritanopia
98, 4.798, 331.462

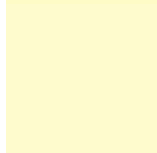
Trichromacy



Original Color
98, 54.456, 106.430



Protanomaly
98, 26.830, 105.691



Deuteranomaly
98, 23.318, 105.623

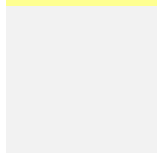


Tritanomaly
98, 17.861, 102.849

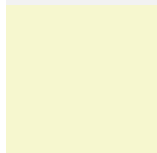
Monochromacy



Original Color
98, 54.456, 106.430



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 20.342, 109.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 54.926, 106.807 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, 255, 145)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 145)  
}
```

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, 255, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 54.926, 106.807 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, 255, 145) }
```

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

```
.border{ border-color:rgb(254, 255, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 145);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 54.926, 106.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 145) }
```

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

```
.background{ background-color: rgb(254,  
255, 145) }
```

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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