

Converting Colors

CIELCh(98, 54.499, 107.440)

Have a look what the booklet for
CIELCh(98, 54.499, 107.440)
contains.

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Color

CIELCh(98, 54.002, 107.314)

Conversions

Conversions Part 1

Format	Color
Hex	FDFE93
RGB	253, 255, 147
RGB Percent	99%, 100%, 58%
CMY	0.0088, 0.0000, 0.4248
CMYK	0.01, 0.00, 0.42, 0.00
HSL	61°, 100%, 79%
HSV	61°, 42%, 100%
XYZ	81.6495, 94.9163, 41.4901
YIQ	242.0900, 33.4760, -34.0120

Conversions

Conversions Part 2

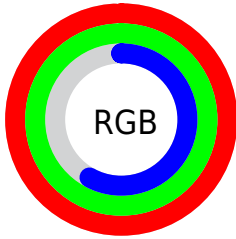
Format	Color
RYB	147, 255, 149
Decimal	16646035
CIELab	98.00, -16.07, 51.56
CIELCh	98, 54.002, 107.314
Yxy	94.9163, 0.3744, 0.4353
Android (android.graphics.Color)	4294836115 (0xFFFFDFF93)
YUV	242.0900, -46.8794, 9.5681
Hunter-Lab	97.4250, -20.8972, 42.9478

Details

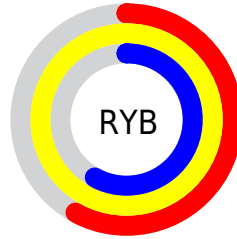
The CIELCh color **98, 54.002, 107.314** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **65, 60.112, 296.671**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 26.235, 108.186**, and **78, 53.252, 106.620** is the 20% darker color. If you saturate the color by 10%, you get **97, 65.229, 106.180**, and if you desaturate by 10%, it is **98, 41.478, 107.938**.

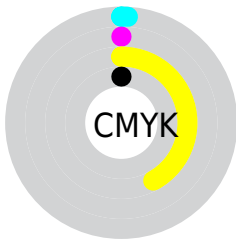
Distribution



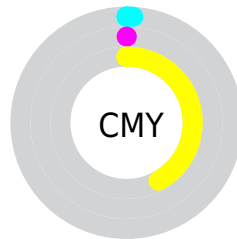
- Red (99%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (58%)



- Cyan (1%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 54.002, 107.314 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, 54.002, 107.314 by changing the saturation by 10% instead.

 98, 54.002,
107.314


 98, 54.002,
107.314

 100, 54.002,
107.314


 88, 54.002,
107.314

 78, 54.002,
107.314

 68, 54.002,
107.314

 58, 54.002,
107.314

 48, 54.002,
107.314

 38, 54.002,
107.314

 28, 54.002,

107.314

■ 18, 54.002,
107.314

■ 8, 54.002, 107.314

■ 98, 54.002,
107.314

■ 98, 54.002,
107.314

■ 97, 65.229,
106.180

■ 98, 41.478,
107.938

■ 97, 75.747,
105.426

■ 99, 28.896,
108.876

■ 97, 84.690,
104.814

■ 99, 16.098,
109.823

■ 97, 91.429,
104.390

■ 100, 3.193,
110.746

■ 97, 95.483,
104.189

100, 0.012,
296.813

■ 97, 96.952,
104.167

Harmonies

Complementary

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



98, 54.002, 107.314



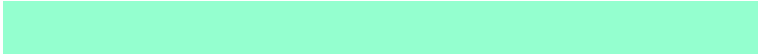
65, 60.112, 296.671

Rectangle

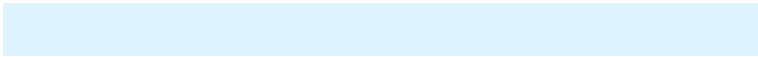
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 54.002, 107.314



98, 54.002, 157.314



98, 54.002, 287.314



98, 54.002, 337.314

Sweetspot

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



98, 53.676, 107.029



99, 16.771, 109.773



73, 43.812, 24.901



53, 11.728, 109.565



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

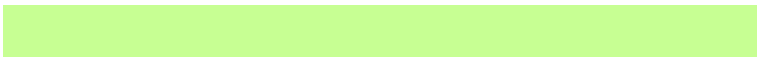
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 53.676, 107.029



98, 63.577, 106.300



94, 58.146, 127.651



53, 7.340, 110.102



75, 78.088, 104.144



26, 35.526, 104.148

Inverse Universe

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



65, 60.112, 296.671



58, 73.457, 298.298



70, 61.729, 311.760



49, 7.506, 291.957



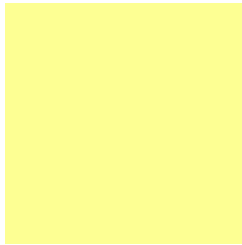
23, 107.677, 306.346



3, 44.178, 302.183

Previews

White Background



This preview shows how the CIE LCh color 98, 54.002, 107.314 looks on a white background.

Color Contrast Check

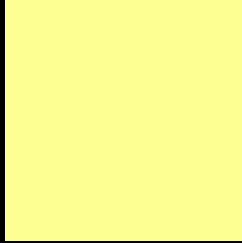
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 98, 54.002, 107.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

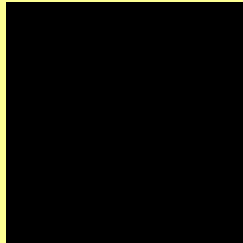
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 54.002, 107.314

Background



This preview shows how black text looks on a background with the CIELCh color 98, 54.002, 107.314.

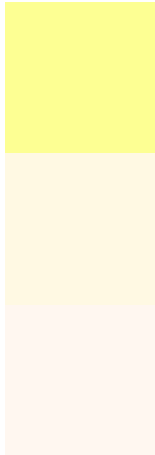


This preview shows how white text looks on a background with the CIELCh color 98, 54.002, 107.314.

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, 53.527, 106.935

Protanopia
98, 11.379, 98.242

Deuteranopia
98, 4.545, 70.928

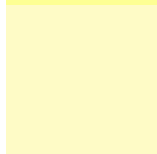


Tritanopia
98, 4.798, 331.462

Trichromacy



Original Color
98, 53.527, 106.935



Protanomaly
98, 26.830, 105.691



Deuteranomaly
98, 22.348, 104.615

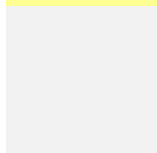


Tritanomaly
98, 17.861, 102.849

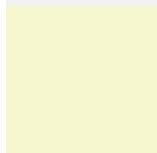
Monochromacy



Original Color
98, 53.527, 106.935



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, 54.002, 107.314 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(253, 255, 147)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 147)  
}
```

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(253, 255, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 54.002, 107.314 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(253, 255, 147) }
```

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

```
.border{ border-color:rgb(253, 255, 147) }
```

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

Here you see how a box with a 4 pixel rgb(253, 255, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 147);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 54.002, 107.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 147) }
```

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

```
.background{ background-color: rgb(253,  
255, 147) }
```

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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