

Converting Colors

CIELCh(98, 56.581, 107.395)

Have a look what the booklet for
CIELCh(98, 56.581, 107.395)
contains.

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Color

CIELCh(98, 56.324, 107.089)

Conversions

Conversions Part 1

Format	Color
Hex	<code>FDFE8E</code>
RGB	<code>253, 255, 142</code>
RGB Percent	<code>99%, 100%, 56%</code>
CMY	<code>0.0081, 0.0000, 0.4437</code>
CMYK	<code>0.01, 0.00, 0.44, 0.00</code>
HSL	<code>61°, 100%, 78%</code>
HSV	<code>61°, 44%, 100%</code>
XYZ	<code>81.4025, 94.9163, 39.5616</code>
YIQ	<code>241.5200, 35.0810, -35.5670</code>

Conversions

Conversions Part 2

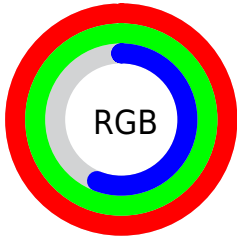
Format	Color
R _Y B	142, 255, 144
Decimal	16646030
CIE _{Lab}	98.00, -16.55, 53.84
CIE _{LCh}	98, 56.324, 107.089
Y _{xy}	94.9163, 0.3771, 0.4397
Android (android.graphics.Color)	4294836110 (0xFFFFDFF8E)
YUV	241.5200, -49.0634, 10.0680
Hunter-Lab	97.4250, -21.3498, 44.1214

Details

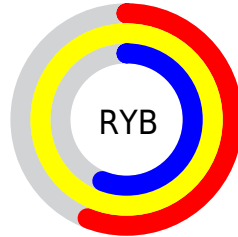
The CIELCh color **98, 56.324, 107.089** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **64, 63.048, 296.951**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 28.732, 107.994**, and **78, 55.525, 106.361** is the 20% darker color. If you saturate the color by 10%, you get **97, 67.315, 105.908**, and if you desaturate by 10%, it is **98, 43.824, 107.650**.

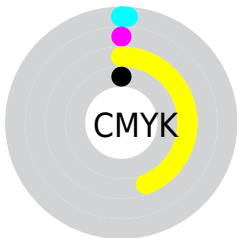
Distribution



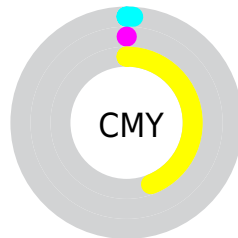
- Red (99%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (56%)



- Cyan (1%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 56.324, 107.089 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, 56.324, 107.089 by changing the saturation by 10% instead.


 98, 56.324,
107.089


 98, 56.324,
107.089


 100, 56.324,
107.089


 88, 56.324,
107.089

 78, 56.324,
107.089

 68, 56.324,
107.089

 58, 56.324,
107.089

 48, 56.324,
107.089

 38, 56.324,
107.089

 28, 56.324,

107.089

■ 18, 56.324,
107.089

■ 8, 56.324, 107.089

■ 98, 56.324,
107.089

■ 98, 56.324,
107.089

■ 97, 67.315,
105.908

■ 98, 43.824,
107.650

■ 97, 77.579,
105.173

■ 99, 31.300,
108.589

■ 97, 86.151,
104.587

■ 99, 18.534,
109.539

■ 97, 92.407,
104.195

■ 100, 5.643,
110.478

■ 97, 95.933,
104.026

100, 0.012,
296.813

■ 97, 96.943,
104.009

Harmonies

Complementary

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



98, 56.324, 107.089



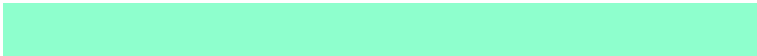
64, 63.048, 296.951

Rectangle

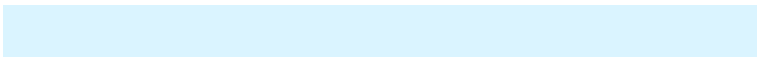
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 56.324, 107.089



98, 56.324, 157.089



98, 56.324, 287.089



98, 56.324, 337.089

Sweetspot

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



98, 55.923, 106.747



99, 16.770, 109.670



72, 46.056, 25.220



53, 11.728, 109.460



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

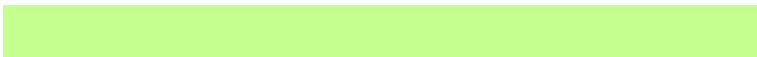
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 55.923, 106.747



97, 65.808, 106.018



94, 60.627, 127.565



53, 7.339, 110.000



75, 78.082, 103.989



26, 35.525, 104.010

Inverse Universe

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



64, 63.048, 296.951



57, 76.639, 298.643



69, 64.555, 311.859



49, 7.506, 291.862



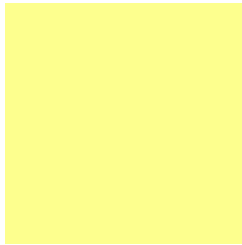
23, 107.689, 306.339



3, 44.172, 302.132

Previews

White Background



This preview shows how the CIE LCh color 98, 56.324, 107.089 looks on a white background.

Color Contrast Check

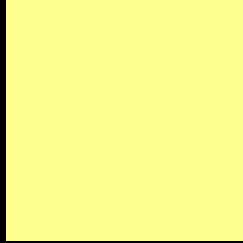
Large Text (above 18pt) WCAG AA × Fail

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, 56.324, 107.089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

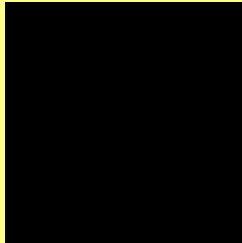
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 56.324, 107.089

Background



This preview shows how black text looks on a background with the CIELCh color 98, 56.324, 107.089.



This preview shows how white text looks on a background with the CIELCh color 98, 56.324, 107.089.

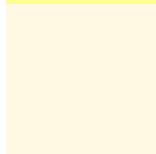
Color Blindness Simulation

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](#).

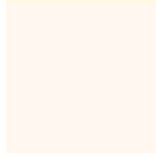
Dichromacy




Original Color
98, 55.854, 106.724



Protanopia
98, 11.462, 96.437

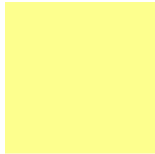


Deuteranopia
98, 4.545, 70.928



Tritanopia
98, 4.798, 331.462

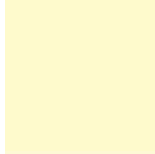
Trichromacy



Original Color
98, 55.854, 106.724



Protanomaly
98, 28.331, 105.694

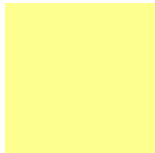


Deuteranomaly
98, 23.354, 104.693

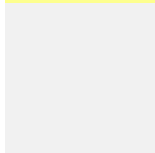


Tritanomaly
97, 18.365, 102.966

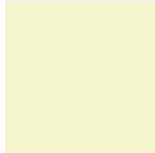
Monochromacy



Original Color
98, 55.854, 106.724



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 20.864, 109.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 56.324, 107.089 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 56.324, 107.089 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, 142) }
```

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

```
.border{ border-color:rgb(253, 255, 142) }
```

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, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 142);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 56.324, 107.089 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, 142) }
```

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

```
.background{ background-color: rgb(253,  
255, 142) }
```

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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