

Converting Colors

CIELCh(98, 60.756, 107.349)

Have a look what the booklet for
CIELCh(98, 60.756, 107.349)
contains.

CIELCh(98, 59.981, 106.741)	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, 59.981, 106.741)

Conversions

Conversions Part 1

Format	Color
Hex	FDFE86
RGB	253, 255, 134
RGB Percent	99%, 100%, 53%
CMY	0.0070, 0.0000, 0.4741
CMYK	0.01, 0.00, 0.47, 0.00
HSL	61°, 100%, 76%
HSV	61°, 47%, 100%
XYZ	81.0296, 94.9163, 36.6414
YIQ	240.6080, 37.6490, -38.0550

Conversions

Conversions Part 2

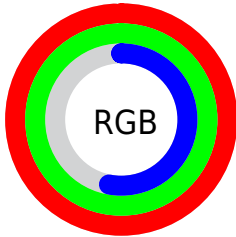
Format	Color
RYB	134, 255, 136
Decimal	16646022
CIELab	98.00, -17.28, 57.44
CIElCh	98, 59.981, 106.741
Yxy	94.9163, 0.3812, 0.4465
Android (android.graphics.Color)	4294836102 (0xFFFDFF86)
YUV	240.6080, -52.5577, 10.8678
Hunter-Lab	97.4250, -22.0329, 45.8986

Details

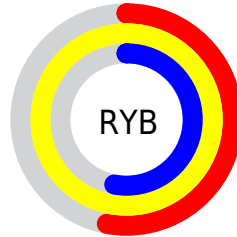
The CIELCh color **98, 59.981, 106.741** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **61, 67.795, 297.438**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 33.205, 107.650**, and **78, 59.480, 106.333** is the 20% darker color. If you saturate the color by 10%, you get **97, 70.573, 105.502**, and if you desaturate by 10%, it is **98, 47.553, 107.213**.

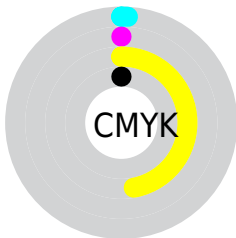
Distribution



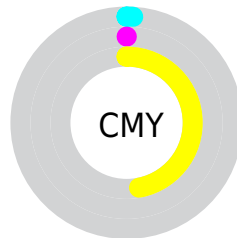
- Red (99%)
- Green (100%)
- Blue (53%)



- Red (53%)
- Yellow (100%)
- Blue (53%)



- Cyan (1%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 59.981, 106.741 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, 59.981, 106.741 by changing the saturation by 10% instead.


 98, 59.981,
106.741


 98, 59.981,
106.741


 100, 59.981,
106.741


 88, 59.981,
106.741

 78, 59.981,
106.741

 68, 59.981,
106.741

 58, 59.981,
106.741

 48, 59.981,
106.741

 38, 59.981,
106.741

 28, 59.981,

106.741

■ 18, 59.981,
106.741

■ 8, 59.981, 106.741

■ 98, 59.981,
106.741

■ 98, 59.981,
106.741

■ 97, 70.573,
105.502

■ 98, 47.553,
107.213

■ 97, 80.388,
104.800

■ 98, 35.135,
108.149

■ 97, 88.318,
104.259

■ 99, 22.428,
109.103

■ 97, 93.766,
103.921

■ 100, 9.566,
110.055

■ 97, 96.484,
103.800

100, 0.012,
296.813

■ 97, 96.934,
103.789

Harmonies

Complementary

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



98, 59.981, 106.741



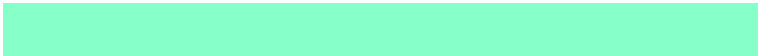
61, 67.795, 297.438

Rectangle

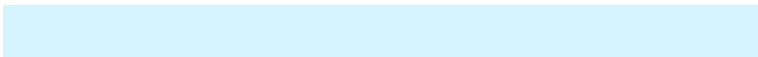
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 59.981, 106.741



98, 59.981, 156.741



98, 59.981, 286.741



98, 59.981, 336.741

Sweetspot

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



98, 59.473, 106.320



99, 18.055, 109.429



70, 50.361, 24.715



53, 12.457, 109.223



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, 59.473, 106.320



97, 70.140, 105.534



94, 64.263, 126.844



53, 7.339, 109.857



75, 78.074, 103.773



26, 35.524, 103.816

Inverse Universe

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



61, 67.795, 297.438



54, 83.037, 299.401



66, 68.964, 311.498



49, 7.505, 291.731



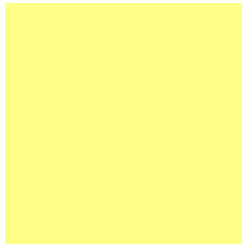
23, 107.707, 306.329



3, 44.164, 302.061

Previews

White Background



This preview shows how the CIELCh color 98, 59.981, 106.741 looks on a white background.

Color Contrast Check

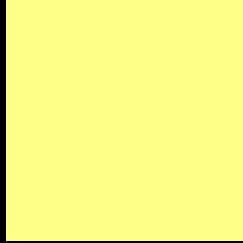
Large Text (above 18pt) WCAG AA × Fail

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, 59.981, 106.741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

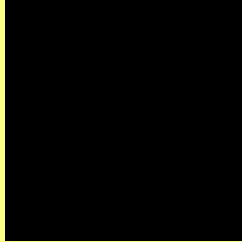
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 59.981, 106.741

Background



This preview shows how black text looks on a background with the CIELCh color 98, 59.981, 106.741.



This preview shows how white text looks on a background with the CIELCh color 98, 59.981, 106.741.

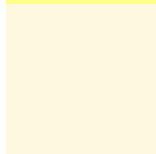
Color Blindness Simulation

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](#).

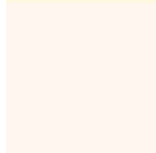
Dichromacy




Original Color
98, 59.521, 106.397



Protanopia
98, 11.959, 96.923



Deuteranopia
98, 4.955, 74.563

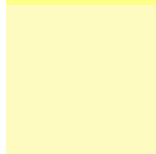


Tritanopia
98, 4.429, 335.819

Trichromacy



Original Color
98, 59.521, 106.397



Protanomaly
98, 29.829, 105.685



Deuteranomaly
97, 24.861, 104.786

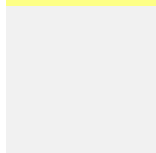


Tritanomaly
97, 20.379, 103.355

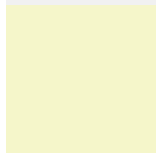
Monochromacy



Original Color
98, 59.521, 106.397



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 22.380, 109.395

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 59.981, 106.741 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 59.981, 106.741 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, 134) }
```

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

```
.border{ border-color:rgb(253, 255, 134) }
```

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, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 134);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 59.981, 106.741 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, 134) }
```

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

```
.background{ background-color: rgb(253,  
255, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor