

Converting Colors

CIELCh(100, 43.091, 90.465)

Have a look what the booklet for
CIELCh(100, 43.091, 90.465)
contains.

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Color

CIElCh(98, 41.133, 105.932)

Conversions

Conversions Part 1

Format	Color
Hex	FFFEAC
RGB	255, 254, 172
RGB Percent	100%, 100%, 67%
CMY	0.0000, 0.0057, 0.3274
CMYK	0.00, 0.01, 0.33, 0.00
HSL	59°, 100%, 84%
HSV	59°, 33%, 100%
XYZ	84.1380, 94.9163, 52.6694
YIQ	244.9510, 26.9180, -25.2900

Conversions

Conversions Part 2

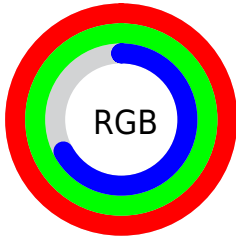
Format	Color
RYB	173, 255, 172
Decimal	16776876
CIELab	98.00, -11.29, 39.55
CIELCh	98, 41.133, 105.932
Yxy	94.9163, 0.3631, 0.4096
Android (android.graphics.Color)	4294966956 (0xFFFFEAC)
YUV	244.9510, -35.9648, 8.8130
Hunter-Lab	97.4250, -16.3378, 36.1444

Details

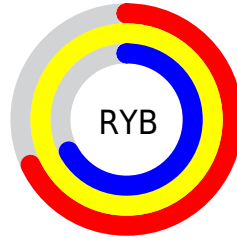
The CIELCh color **98, 41.133, 105.932** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **73, 44.519, 293.710**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 13.663, 109.145**, and **78, 40.744, 106.393** is the 20% darker color. If you saturate the color by 10%, you get **97, 53.157, 105.270**, and if you desaturate by 10%, it is **98, 28.742, 107.225**.

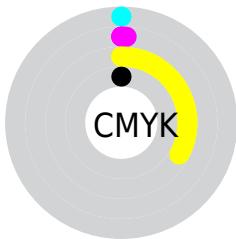
Distribution



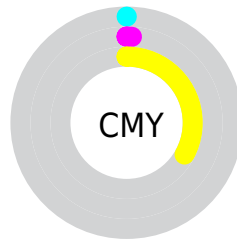
- Red (100%)
- Green (100%)
- Blue (67%)



- Red (68%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (1%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 41.133, 105.932 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, 41.133, 105.932 by changing the saturation by 10% instead.


 98, 41.133,
105.932


 98, 41.133,
105.932


 100, 41.133,
105.932


 88, 41.133,
105.932

 78, 41.133,
105.932

 68, 41.133,
105.932

 58, 41.133,
105.932

 48, 41.133,
105.932

 38, 41.133,
105.932

 28, 41.133,

105.932

■ 18, 41.133,
105.932

■ 8, 41.133, 105.932

■ 98, 41.133,
105.932

■ 98, 41.133,
105.932

■ 97, 53.157,
105.270

■ 98, 28.742,
107.225

■ 97, 64.559,
104.357

■ 99, 16.154,
108.220

■ 97, 74.946,
103.527

■ 100, 3.471,
109.188

■ 96, 83.771,
102.819

■ 100, 0.012,
296.813

■ 96, 90.392,
102.268

■ 96, 94.307,
101.900

■ 96, 95.640,
101.729

Harmonies

Complementary

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



98, 41.133, 105.932



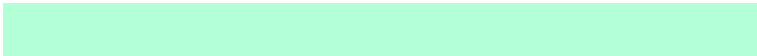
73, 44.519, 293.710

Rectangle

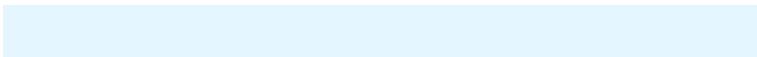
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 41.133, 105.932



98, 41.133, 155.932



98, 41.133, 285.932



98, 41.133, 335.932

Sweetspot

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



98, 41.131, 106.235



99, 12.684, 108.490



78, 32.928, 19.784



53, 8.652, 108.352



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

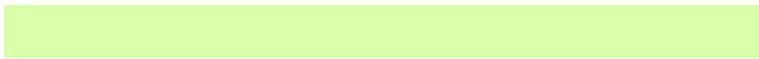
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 41.131, 106.235



98, 48.715, 105.626



96, 44.554, 126.318



53, 7.212, 108.539



74, 77.050, 101.749



26, 35.045, 102.041

Inverse Universe

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



73, 44.519, 293.710



68, 53.749, 294.804



76, 46.857, 309.600



49, 7.370, 290.488



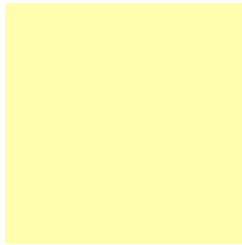
23, 106.994, 306.086



4, 43.575, 301.474

Previews

White Background



This preview shows how the CIE LCh color 98, 41.133, 105.932 looks on a white background.

Color Contrast Check

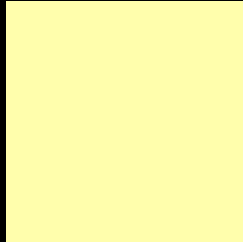
Large Text (above 18pt) WCAG AA × Fail

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, 41.133, 105.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

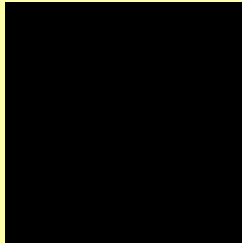
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 41.133, 105.932

Background



This preview shows how black text looks on a background with the CIELCh color 98, 41.133, 105.932.



This preview shows how white text looks on a background with the CIELCh color 98, 41.133, 105.932.

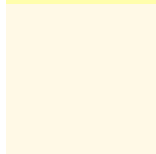
Color Blindness Simulation

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](#).

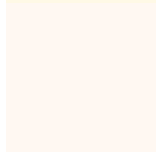
Dichromacy



Original Color
98, 41.101, 106.487



Protanopia
98, 9.885, 96.715

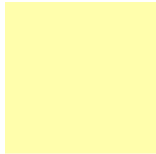


Deuteranopia
98, 3.919, 70.425

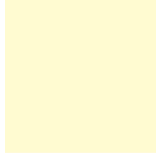
Tritanopia

98, 4.180, 332.450

Trichromacy



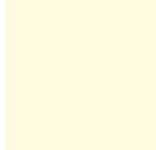
Original Color
98, 41.101, 106.487



Protanomaly
98, 21.326, 104.529

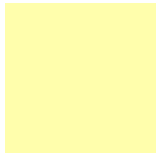


Deuteranomaly
98, 17.344, 102.729

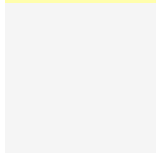


Tritanomaly
98, 13.381, 99.703

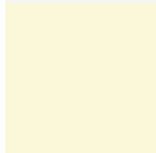
Monochromacy



Original Color
98, 41.101, 106.487



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 15.258, 107.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 41.133, 105.932 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(255, 254, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 172)  
}
```

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(255, 254, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 41.133, 105.932 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(255, 254, 172) }
```

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

```
.border{ border-color:rgb(255, 254, 172) }
```

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

Here you see how a box with a 4 pixel rgb(255, 254, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 41.133, 105.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 172) }
```

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

```
.background{ background-color: rgb(255,  
254, 172) }
```

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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