

Converting Colors

CIELCh(98, 36.208, 107.420)

Have a look what the booklet for
CIELCh(98, 36.208, 107.420)
contains.

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Color

CIElCh(98, 36.194, 107.411)

Conversions

Conversions Part 1

Format	Color
Hex	FEFEB6
RGB	254, 254, 182
RGB Percent	100%, 100%, 71%
CMY	0.0058, 0.0058, 0.2881
CMYK	0.00, 0.00, 0.28, 0.01
HSL	60°, 96%, 85%
HSV	60°, 28%, 99%
XYZ	84.3805, 94.9163, 57.8821
YIQ	245.7920, 23.1120, -22.3920

Conversions

Conversions Part 2

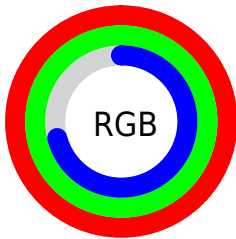
Format	Color
RYB	182, 254, 182
Decimal	16711350
CIELab	98.00, -10.83, 34.54
CIELCh	98, 36.194, 107.411
Yxy	94.9163, 0.3558, 0.4002
Android (android.graphics.Color)	4294901430 (0xFFFEFEB6)
YUV	245.7920, -31.4495, 7.1984
Hunter-Lab	97.4250, -15.8936, 32.9721

Details

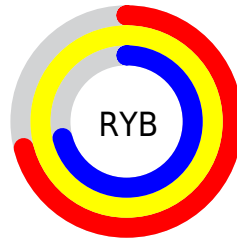
The CIELCh color **98, 36.194, 107.411** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76, 38.788, 293.675**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.605, 109.524**, and **78, 36.208, 106.818** is the 20% darker color. If you saturate the color by 10%, you get **98, 48.518, 106.459**, and if you desaturate by 10%, it is **98, 23.570, 108.391**.

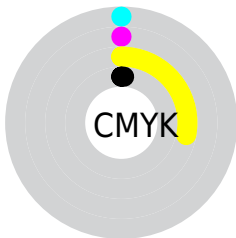
Distribution



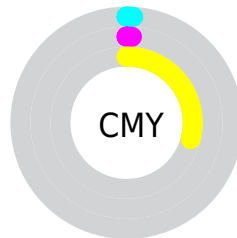
- Red (100%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (0%)
- Yellow (28%)
- Black (1%)





- Cyan (1%)
- Magenta (1%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 36.194, 107.411 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, 36.194, 107.411 by changing the saturation by 10% instead.


 98, 36.194,
107.411


 98, 36.194,
107.411


 100, 36.194,
107.411


 88, 36.194,
107.411

 78, 36.194,
107.411

 68, 36.194,
107.411

 58, 36.194,
107.411

 48, 36.194,
107.411

 38, 36.194,
107.411

 28, 36.194,

107.411

■ 18, 36.194,
107.411

■ 8, 36.194, 107.411

■ 98, 36.194,
107.411

■ 98, 36.194,
107.411

■ 98, 48.518,
106.459

■ 98, 23.570,
108.391

■ 97, 60.320,
105.549

■ 99, 10.781,
109.366

■ 97, 71.267,
104.715

■ 100, 0.760,
290.355

■ 97, 80.881,
103.995

■ 100, 0.760,
290.477

■ 97, 88.556, 100, 0.760,
103.432 290.598

■ 97, 93.713, 100, 0.760,
103.060 290.720

■ 97, 96.206, 100, 0.760,
102.883 290.842

■ 97, 96.485, 100, 0.761,
102.863 290.964

100, 0.761,
291.085

Harmonies

Complementary

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



98, 36.194, 107.411



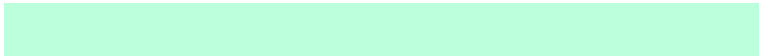
76, 38.788, 293.675

Rectangle

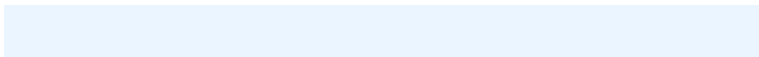
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 36.194, 107.411



98, 36.194, 157.411



98, 36.194, 287.411



98, 36.194, 337.411

Sweetspot

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



98, 36.196, 107.415



99, 11.616, 109.307



81, 28.123, 21.751



53, 8.070, 109.166



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

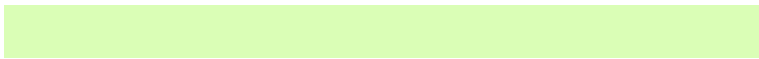
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 36.196, 107.415



98, 43.359, 106.874



95, 38.849, 127.738



53, 7.338, 109.258



75, 78.056, 102.863



26, 35.525, 103.004

Inverse Universe

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



76, 38.788, 293.675



72, 47.240, 294.579



79, 40.432, 310.457



49, 7.504, 291.180



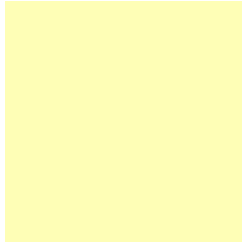
23, 107.780, 306.288



3, 44.127, 301.762

Previews

White Background



This preview shows how the CIE LCh color 98, 36.194, 107.411 looks on a white background.

Color Contrast Check

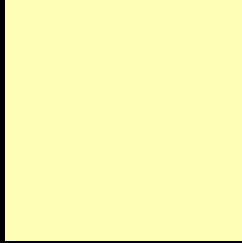
Large Text (above 18pt) WCAG AA × Fail

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, 36.194, 107.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

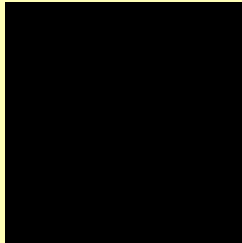
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 36.194, 107.411

Background



This preview shows how black text looks on a background with the CIELCh color 98, 36.194, 107.411.

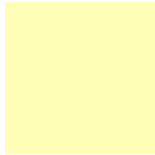


This preview shows how white text looks on a background with the CIELCh color 98, 36.194, 107.411.

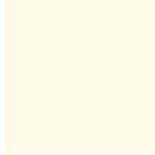
Color Blindness Simulation

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](#).

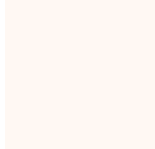
Dichromacy




Original Color
98, 36.194, 107.411



Protanopia
98, 9.388, 96.089

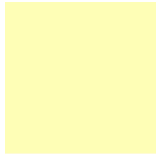


Deuteranopia
98, 3.537, 65.249

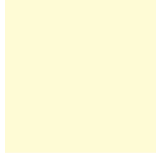


Tritanopia
98, 4.569, 328.153

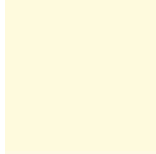
Trichromacy



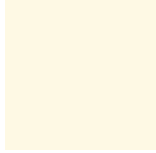
Original Color
98, 36.194, 107.411



Protanomaly
98, 19.290, 105.393

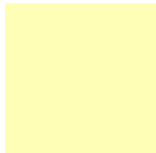


Deuteranomaly
98, 14.788, 103.348

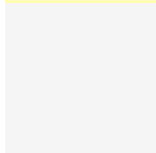


Tritanomaly
98, 10.815, 99.681

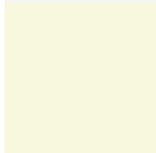
Monochromacy



Original Color
98, 36.194, 107.411



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 13.227, 109.157

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 36.194, 107.411 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, 254, 182)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 182)  
}
```

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, 254, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 36.194, 107.411 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, 254, 182) }
```

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

```
.border{ border-color:rgb(254, 254, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 254, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 182);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 36.194, 107.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 254, 182) }
```

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

```
.background{ background-color: rgb(254,  
254, 182) }
```

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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