

Converting Colors

CIELCh(98, 19.305, 105.707)

Have a look what the booklet for
CIELCh(98, 19.305, 105.707)
contains.

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Color

CIElCh(98, 19.290, 105.393)

Conversions

Conversions Part 1

Format	Color
Hex	FEFB D5
RGB	254, 251, 213
RGB Percent	100%, 98%, 84%
CMY	0.0037, 0.0154, 0.1645
CMYK	0.00, 0.01, 0.16, 0.00
HSL	56°, 96%, 92%
HSV	56°, 16%, 100%
XYZ	87.4241, 94.9163, 76.6993
YIQ	247.5650, 13.9860, -11.1820

Conversions

Conversions Part 2

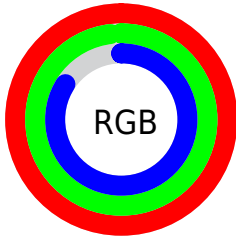
Format	Color
R_{YB}	216, 254, 213
Decimal	16710613
CIE _{Lab}	98.00, -5.12, 18.60
CIE _{LCh}	98, 19.290, 105.393
Yxy	94.9163, 0.3375, 0.3664
Android (android.graphics.Color)	4294900693 (0xFFFEFBD5)
YUV	247.5650, -17.0405, 5.6435
Hunter-Lab	97.4250, -10.3170, 21.5205

Details

The CIELCh color **98, 19.290, 105.393** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 19.909, 288.951**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 19.658, 106.059** is the 20% darker color. If you saturate the color by 10%, you get **97, 31.176, 104.346**, and if you desaturate by 10%, it is **99, 7.335, 106.432**.

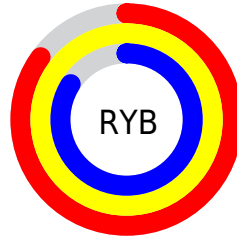
Distribution



Red (100%)

Green (98%)

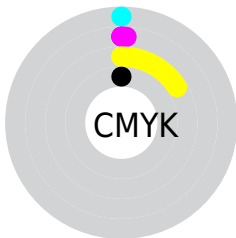
Blue (84%)



Red (85%)

Yellow (100%)

Blue (84%)

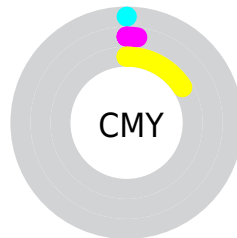


Cyan (0%)

Magenta (1%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 19.290, 105.393 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, 19.290, 105.393 by changing the saturation by 10% instead.


 98, 19.290,
105.393


 98, 19.290,
105.393


 100, 19.290,
105.393


 88, 19.290,
105.393

 78, 19.290,
105.393

 68, 19.290,
105.393

 58, 19.290,
105.393

 48, 19.290,
105.393

 38, 19.290,
105.393

 28, 19.290,

105.393

■ 18, 19.290,
105.393

■ 8, 19.290, 105.393

■ 98, 19.290,
105.393

■ 98, 19.290,
105.393

■ 97, 31.176,
104.346

■ 99, 7.335, 106.432

■ 96, 42.879,
103.291

100, 0.278,
226.710

■ 95, 54.229,
102.252

100, 0.328,
201.405

■ 95, 64.947,
101.251

■ 94, 74.604,
100.313

■ 93, 82.596, 99.464

■ 93, 88.235, 98.725

■ 92, 91.047, 98.094

■ 92, 91.605, 97.869

Harmonies

Complementary

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



98, 19.290, 105.393



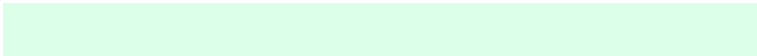
87, 19.909, 288.951

Rectangle

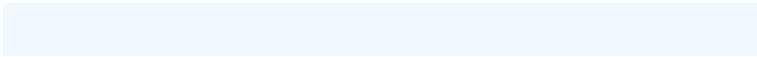
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 19.290, 105.393



98, 19.290, 155.393



98, 19.290, 285.393



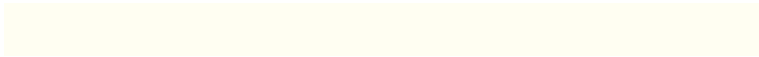
98, 19.290, 335.393

Sweetspot

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



98, 19.292, 105.399



99, 5.991, 106.545



89, 15.273, 13.882



53, 4.088, 106.475



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, 19.292, 105.399



98, 22.772, 105.098



98, 21.746, 125.315



53, 6.818, 106.089



71, 74.054, 97.960



24, 33.548, 98.772

Inverse Universe

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



87, 19.909, 288.951



85, 23.638, 289.337



88, 22.324, 306.938



49, 6.950, 288.126



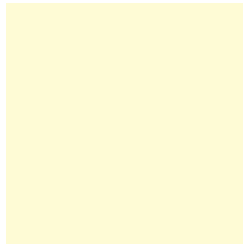
24, 104.460, 305.422



4, 41.807, 300.485

Previews

White Background



This preview shows how the CIE LCh color 98, 19.290, 105.393 looks on a white background.

Color Contrast Check

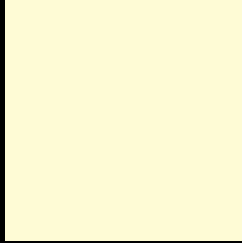
Large Text (above 18pt) WCAG AA × Fail

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, 19.290, 105.393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

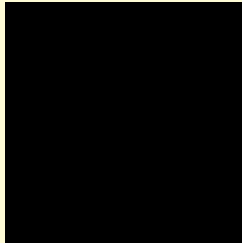
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 19.290, 105.393

Background



This preview shows how black text looks on a background with the CIELCh color 98, 19.290, 105.393.

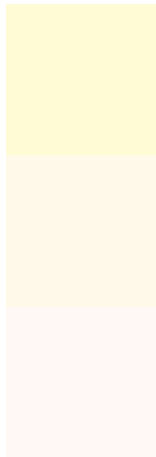


This preview shows how white text looks on a background with the CIELCh color 98, 19.290, 105.393.

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, 19.290, 105.393

Protanopia

98, 7.909, 93.714

Deuteranopia

98, 2.896, 51.088



Tritanopia
98, 4.791, 321.097

Trichromacy



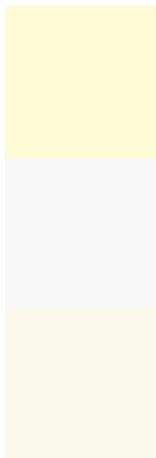
Original Color
98, 19.290, 105.393

Protanomaly
98, 12.312, 100.723

Deuteranomaly
98, 8.400, 94.603

Tritanomaly
98, 4.578, 81.958

Monochromacy



Original Color
98, 19.290, 105.393

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 7.123, 106.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 19.290, 105.393 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, 251, 213)` looks like.

```
.text, #text, p{  
    color:rgb(254, 251, 213)  
}
```

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, 251, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 251, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 19.290, 105.393 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, 251, 213) }
```

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

```
.border{ border-color:rgb(254, 251, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 251, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 251, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 251, 213);  
box-shadow:4px 4px 4px 4px rgb(254, 251,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 19.290, 105.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 251, 213) }
```

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

```
.background{ background-color: rgb(254,  
251, 213) }
```

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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