

Converting Colors

CIELCh(100, 18.569, 74.026)

Have a look what the booklet for
CIELCh(100, 18.569, 74.026)
contains.

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Color

CIElCh(98, 15.281, 103.495)

Conversions

Conversions Part 1

Format	Color
Hex	FEFADC
RGB	254, 250, 220
RGB Percent	100%, 98%, 86%
CMY	0.0025, 0.0182, 0.1358
CMYK	0.00, 0.02, 0.13, 0.00
HSL	53°, 96%, 93%
HSV	53°, 13%, 100%
XYZ	88.2652, 94.9163, 81.6361
YIQ	247.7760, 12.0140, -8.4820

Conversions

Conversions Part 2

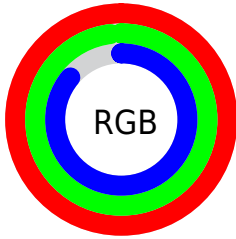
Format	Color
R_{YB}	225, 254, 220
Decimal	16710364
CIE Lab	98.00, -3.57, 14.86
CIE LCh	98, 15.281, 103.495
Yxy	94.9163, 0.3333, 0.3584
Android (android.graphics.Color)	4294900444 (0xFFFEFADC)
YUV	247.7760, -13.6936, 5.4584
Hunter-Lab	97.4250, -8.7761, 18.5162

Details

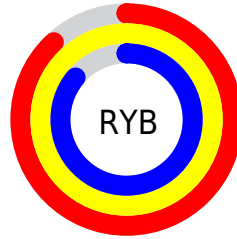
The CIELCh color **98, 15.281, 103.495** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 15.634, 286.516**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 15.470, 104.414** is the 20% darker color. If you saturate the color by 10%, you get **97, 26.722, 102.406**, and if you desaturate by 10%, it is **99, 3.830, 104.553**.

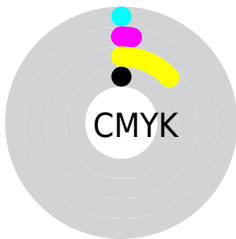
Distribution



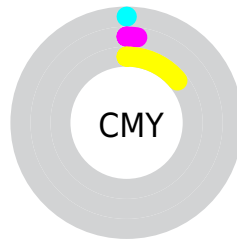
- Red (100%)
- Green (98%)
- Blue (86%)



- Red (88%)
- Yellow (100%)
- Blue (86%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 15.281, 103.495 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, 15.281, 103.495 by changing the saturation by 10% instead.


 98, 15.281,
103.495


 98, 15.281,
103.495


 100, 15.281,
103.495


 88, 15.281,
103.495

 78, 15.281,
103.495

 68, 15.281,
103.495

 58, 15.281,
103.495

 48, 15.281,
103.495

 38, 15.281,
103.495

 28, 15.281,

103.495

■ 18, 15.281,
103.495

■ 8, 15.281, 103.495

■ 98, 15.281,
103.495

■ 98, 15.281,
103.495

■ 97, 26.722,
102.406

■ 99, 3.830, 104.553

■ 96, 38.066,
101.293

100, 0.225,
202.343

■ 94, 49.178,
100.179

■ 93, 59.830, 99.079

■ 92, 69.654, 98.010

■ 91, 78.097, 96.987

■ 91, 84.442, 96.018

■ 90, 88.033, 95.092

■ 89, 89.033, 94.486

Harmonies

Complementary

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



98, 15.281, 103.495



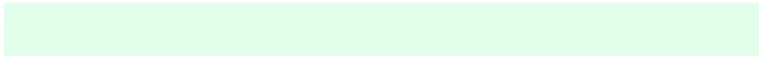
90, 15.634, 286.516

Rectangle

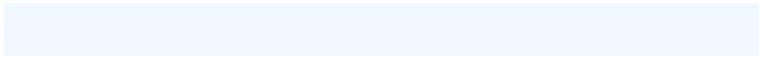
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 15.281, 103.495



98, 15.281, 153.495



98, 15.281, 283.495



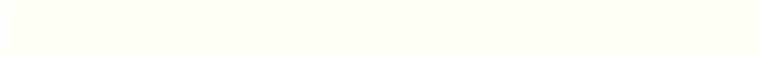
98, 15.281, 333.495

Sweetspot

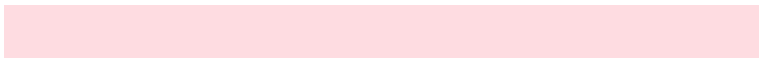
The Sweet Spot groups the original color and five complimentary colors.



98, 15.283, 103.503



99, 4.573, 104.491



91, 12.635, 9.645



53, 3.251, 104.415



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, 15.283, 103.503



98, 18.345, 103.215



98, 17.843, 123.588



53, 6.513, 103.918



69, 71.939, 94.643



23, 32.407, 95.900

Inverse Universe

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



90, 15.634, 286.516



88, 18.849, 286.865



90, 18.271, 305.013



49, 6.624, 286.034



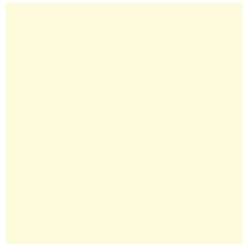
25, 101.693, 304.664



5, 40.392, 299.599

Previews

White Background



This preview shows how the CIE LCh color 98, 15.281, 103.495 looks on a white background.

Color Contrast Check

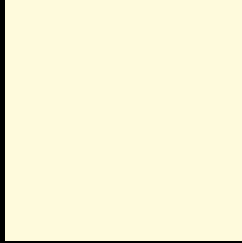
Large Text (above 18pt) WCAG AA × Fail

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, 15.281, 103.495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

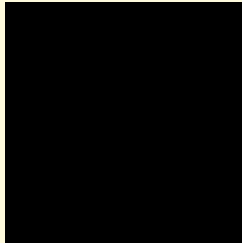
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 15.281, 103.495

Background



This preview shows how black text looks on a background with the CIELCh color 98, 15.281, 103.495.

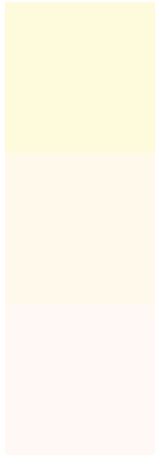


This preview shows how white text looks on a background with the CIELCh color 98, 15.281, 103.495.

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, 15.293, 103.490

Protanopia
98, 7.419, 92.702

Deuteranopia
98, 2.896, 51.088



Tritanopia
98, 4.791, 321.097

Trichromacy



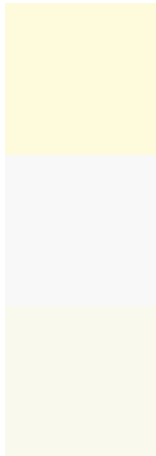
Original Color
98, 15.293, 103.490

Protanomaly
98, 9.885, 96.715

Deuteranomaly
98, 6.933, 91.542

Tritanomaly
98, 3.704, 74.724

Monochromacy



Original Color
98, 15.293, 103.490

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 5.599, 106.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 15.281, 103.495 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, 250, 220)` looks like.

```
.text, #text, p{  
    color:rgb(254, 250, 220)  
}
```

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, 250, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 250, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 15.281, 103.495 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, 250, 220) }
```

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

```
.border{ border-color:rgb(254, 250, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 250, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 250, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 250, 220);  
box-shadow:4px 4px 4px 4px rgb(254, 250,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 15.281, 103.495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 250, 220) }
```

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

```
.background{ background-color: rgb(254,  
250, 220) }
```

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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