

Converting Colors

CIELCh(100, 19.092, 78.832)

Have a look what the booklet for
CIELCh(100, 19.092, 78.832)
contains.

CIELCh(98, 16.290, 103.745)	3
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Color

CIElCh(98, 16.290, 103.745)

Conversions

Conversions Part 1

Format	Color
Hex	FEFADA
RGB	254, 250, 218
RGB Percent	100%, 98%, 85%
CMY	0.0021, 0.0177, 0.1432
CMYK	0.00, 0.02, 0.14, 0.00
HSL	53°, 97%, 93%
HSV	53°, 14%, 100%
XYZ	88.1000, 94.9163, 80.3430
YIQ	247.5480, 12.6560, -9.1040

Conversions

Conversions Part 2

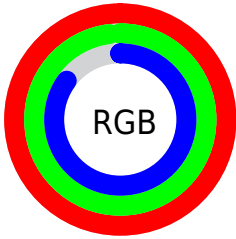
Format	Color
R _Y B	223, 254, 218
Decimal	16710362
CIE Lab	98.00, -3.87, 15.82
CIE LCh	98, 16.290, 103.745
Yxy	94.9163, 0.3345, 0.3604
Android (android.graphics.Color)	4294900442 (0xFFFEFADA)
YUV	247.5480, -14.5672, 5.6584
Hunter-Lab	97.4250, -9.0788, 19.3031

Details

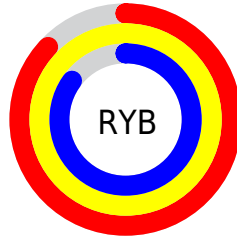
The CIELCh color **98, 16.290, 103.745** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 16.696, 286.934**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 16.528, 104.578** is the 20% darker color. If you saturate the color by 10%, you get **97, 27.801, 102.661**, and if you desaturate by 10%, it is **99, 4.758, 104.806**.

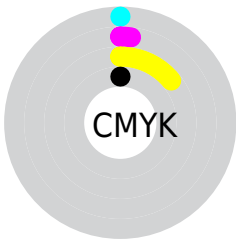
Distribution



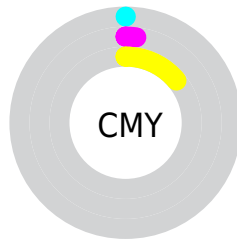
- Red (100%)
- Green (98%)
- Blue (85%)



- Red (87%)
- Yellow (100%)
- Blue (85%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 16.290, 103.745 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, 16.290, 103.745 by changing the saturation by 10% instead.


 98, 16.290,
103.745


 98, 16.290,
103.745


 100, 16.290,
103.745


 88, 16.290,
103.745

 78, 16.290,
103.745

 68, 16.290,
103.745

 58, 16.290,
103.745

 48, 16.290,
103.745

 38, 16.290,
103.745

 28, 16.290,

103.745

■ 18, 16.290,
103.745

■ 8, 16.290, 103.745

■ 98, 16.290,
103.745

■ 98, 16.290,
103.745

■ 97, 27.801,
102.661

■ 99, 4.758, 104.806

100, 0.182,
203.040

■ 96, 39.199,
101.556

■ 95, 50.342,
100.452

■ 94, 60.988, 99.367

■ 93, 70.755, 98.318

■ 92, 79.074, 97.322

■ 91, 85.224, 96.387

■ 90, 88.585, 95.504

■ 90, 89.433, 94.999

Harmonies

Complementary

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



98, 16.290, 103.745



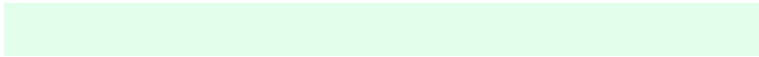
89, 16.696, 286.934

Rectangle

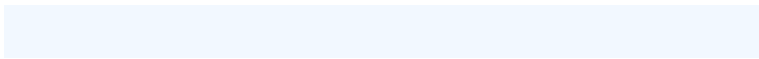
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 16.290, 103.745



98, 16.290, 153.745



98, 16.290, 283.745



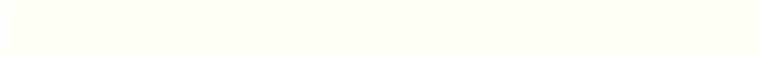
98, 16.290, 333.745

Sweetspot

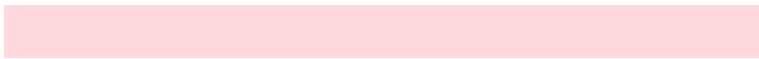
The Sweet Spot groups the original color and five complimentary colors.



98, 16.292, 103.752



99, 4.604, 104.820



90, 13.370, 11.037



53, 3.274, 104.745



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

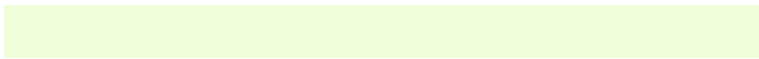
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 16.292, 103.752



98, 19.621, 103.442



98, 18.953, 124.175



53, 6.558, 104.249



69, 72.232, 95.146



24, 32.571, 96.337

Inverse Universe

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



89, 16.696, 286.934



87, 20.208, 287.317



89, 19.421, 305.651



49, 6.671, 286.353



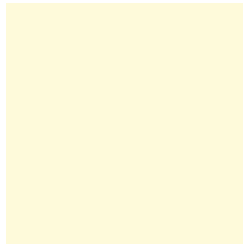
25, 102.152, 304.793



5, 40.600, 299.734

Previews

White Background



This preview shows how the CIE LCh color 98, 16.290, 103.745 looks on a white background.

Color Contrast Check

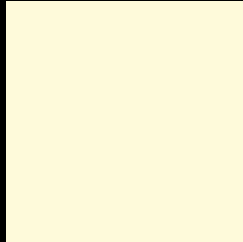
Large Text (above 18pt) WCAG AA × Fail

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, 16.290, 103.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

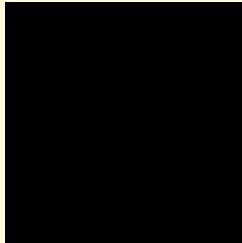
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 16.290, 103.745

Background



This preview shows how black text looks on a background with the CIELCh color 98, 16.290, 103.745.

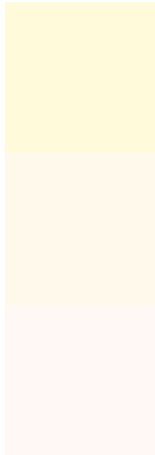


This preview shows how white text looks on a background with the CIELCh color 98, 16.290, 103.745.

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, 16.302, 103.740

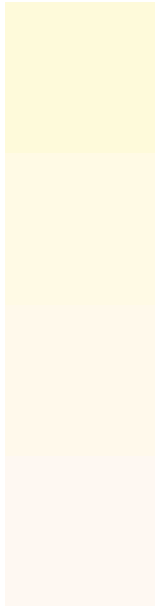
Protanopia
98, 7.419, 92.702

Deuteranopia
98, 2.896, 51.088



Tritanopia
98, 4.791, 321.097

Trichromacy



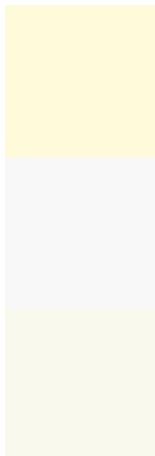
Original Color
98, 16.302, 103.740

Protanomaly
98, 10.807, 99.685

Deuteranomaly
98, 7.419, 92.702

Tritanomaly
98, 3.704, 74.724

Monochromacy



Original Color
98, 16.302, 103.740

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 6.107, 106.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 16.290, 103.745 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(254, 250, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 250, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 16.290, 103.745 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, 218) }
```

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

```
.border{ border-color:rgb(254, 250, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 250, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 250, 218);  
box-shadow:4px 4px 4px 4px rgb(254, 250,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 16.290, 103.745 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, 218) }
```

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

```
.background{ background-color: rgb(254,  
250, 218) }
```

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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