

Converting Colors

CIELCh(98, 17.613, 104.936)

Have a look what the booklet for
CIELCh(98, 17.613, 104.936)
contains.

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Color

CIElCh(98, 17.777, 105.242)

Conversions

Conversions Part 1

Format	Color
Hex	FEFBD8
RGB	254, 251, 216
RGB Percent	100%, 98%, 85%
CMY	0.0044, 0.0161, 0.1534
CMYK	0.00, 0.01, 0.15, 0.00
HSL	55°, 94%, 92%
HSV	55°, 15%, 100%
XYZ	87.6653, 94.9163, 78.5847
YIQ	247.9070, 13.0230, -10.2490

Conversions

Conversions Part 2

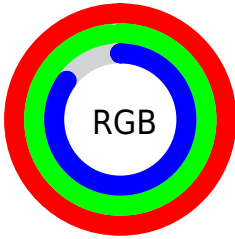
Format	Color
R _Y B	219, 254, 216
Decimal	16710616
CIE Lab	98.00, -4.67, 17.15
CIE LCh	98, 17.777, 105.242
Yxy	94.9163, 0.3357, 0.3634
Android (android.graphics.Color)	4294900696 (0xFFFEFBD8)
YUV	247.9070, -15.7302, 5.3436
Hunter-Lab	97.4250, -9.8751, 20.3731

Details

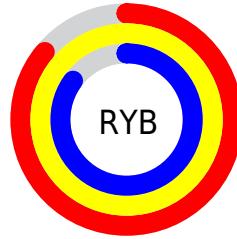
The CIELCh color **98, 17.777, 105.242** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 18.296, 288.540**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 18.076, 106.018** is the 20% darker color. If you saturate the color by 10%, you get **97, 29.606, 104.190**, and if you desaturate by 10%, it is **99, 5.893, 106.281**.

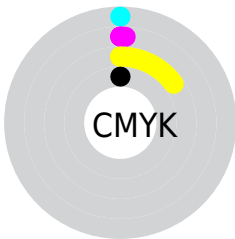
Distribution



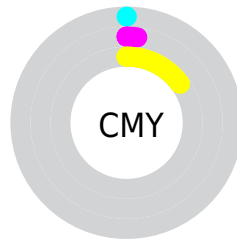
- Red (100%)
- Green (98%)
- Blue (85%)



- Red (86%)
- Yellow (100%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 17.777, 105.242 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, 17.777, 105.242 by changing the saturation by 10% instead.


 98, 17.777,
105.242


 98, 17.777,
105.242


 100, 17.777,
105.242


 88, 17.777,
105.242

 78, 17.777,
105.242

 68, 17.777,
105.242

 58, 17.777,
105.242

 48, 17.777,
105.242

 38, 17.777,
105.242

 28, 17.777,

105.242

■ 18, 17.777,
105.242

■ 8, 17.777, 105.242

■ 98, 17.777,
105.242

■ 98, 17.777,
105.242

■ 97, 29.606,
104.190

■ 99, 5.893, 106.281

■ 96, 41.275,
103.127

100, 0.356,
210.827

■ 95, 52.625,
102.076

100, 0.390,
201.079

■ 94, 63.393,
101.059

■ 94, 73.173,
100.097

■ 93, 81.380, 99.217

■ 92, 87.320, 98.437

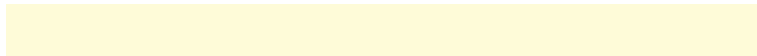
■ 92, 90.460, 97.760

■ 92, 91.193, 97.446

Harmonies

Complementary

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



98, 17.777, 105.242



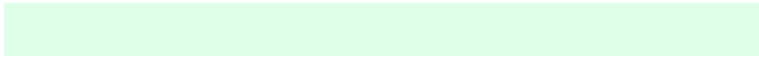
88, 18.296, 288.540

Rectangle

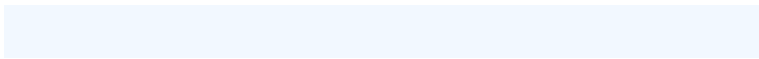
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 17.777, 105.242



98, 17.777, 155.242



98, 17.777, 285.242



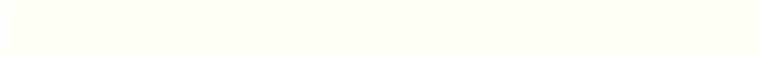
98, 17.777, 335.242

Sweetspot

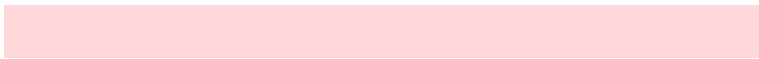
The Sweet Spot groups the original color and five complimentary colors.



98, 17.779, 105.249



100, 4.761, 106.375



89, 14.099, 13.759



53, 3.385, 106.302



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, 17.779, 105.249



98, 21.454, 104.929



98, 20.155, 125.375



53, 6.778, 105.818



71, 73.764, 97.544



24, 33.397, 98.413

Inverse Universe

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



88, 18.296, 288.540



86, 22.211, 288.944



89, 20.653, 306.871



49, 6.907, 287.866



24, 104.150, 305.339



4, 41.624, 300.375

Previews

White Background



This preview shows how the CIE LCh color 98, 17.777, 105.242 looks on a white background.

Color Contrast Check

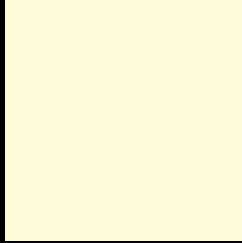
Large Text (above 18pt) WCAG AA × Fail

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, 17.777, 105.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

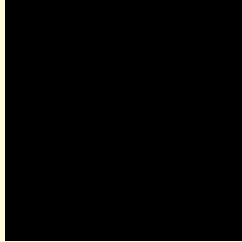
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 17.777, 105.242

Background



This preview shows how black text looks on a background with the CIELCh color 98, 17.777, 105.242.

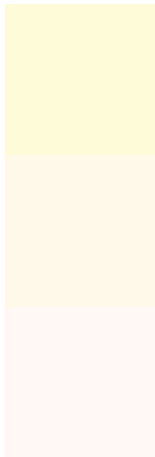


This preview shows how white text looks on a background with the CIELCh color 98, 17.777, 105.242.

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, 17.777, 105.242

Protanopia
98, 7.909, 93.714

Deuteranopia
98, 2.896, 51.088

Tritanopia
98, 4.791, 321.097

Trichromacy



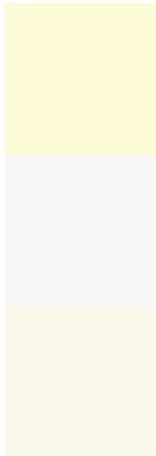
Original Color
98, 17.777, 105.242

Protanomaly
98, 11.810, 100.410

Deuteranomaly
98, 7.909, 93.714

Tritanomaly
98, 4.132, 78.728

Monochromacy



Original Color
98, 17.777, 105.242

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 6.615, 106.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 17.777, 105.242 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(254, 251, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 251, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 17.777, 105.242 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, 216) }
```

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

```
.border{ border-color:rgb(254, 251, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 251, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 251, 216);  
box-shadow:4px 4px 4px 4px rgb(254, 251,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 17.777, 105.242 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, 216) }
```

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

```
.background{ background-color: rgb(254,  
251, 216) }
```

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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