

Converting Colors

CIELCh(98, 17.034, 106.535)

Have a look what the booklet for
CIELCh(98, 17.034, 106.535)
contains.

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Color

CIElCh(98, 17.255, 106.407)

Conversions

Conversions Part 1

Format	Color
Hex	FDFBD9
RGB	253, 251, 217
RGB Percent	99%, 98%, 85%
CMY	0.0077, 0.0155, 0.1489
CMYK	0.00, 0.01, 0.14, 0.01
HSL	57°, 90%, 92%
HSV	57°, 14%, 99%
XYZ	87.5572, 94.9163, 79.3749
YIQ	247.7220, 12.1060, -10.1500

Conversions

Conversions Part 2

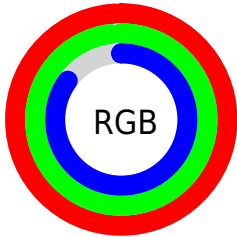
Format	Color
R_{YB}	219, 253, 217
Decimal	16645081
CIE Lab	98.00, -4.87, 16.55
CIE LCh	98, 17.255, 106.407
Yxy	94.9163, 0.3344, 0.3625
Android (android.graphics.Color)	4294835161 (0xFFFD9BD9)
YUV	247.7220, -15.1459, 4.6288
Hunter-Lab	97.4250, -10.0733, 19.8923

Details

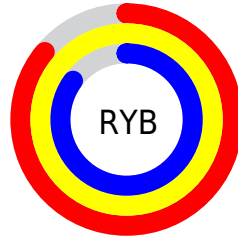
The CIELCh color **98, 17.255, 106.407** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 17.765, 289.474**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 17.538, 107.275** is the 20% darker color. If you saturate the color by 10%, you get **97, 29.317, 105.381**, and if you desaturate by 10%, it is **99, 5.123, 107.422**.

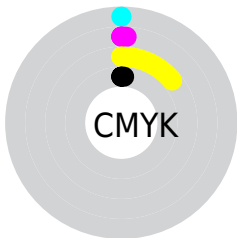
Distribution



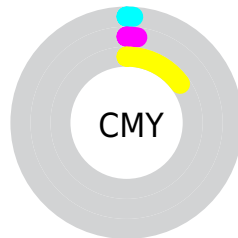
- Red (99%)
- Green (98%)
- Blue (85%)



- Red (86%)
- Yellow (99%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (14%)
- Black (1%)





- Cyan (1%)
- Magenta (2%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 17.255, 106.407 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, 17.255, 106.407 by changing the saturation by 10% instead.


 98, 17.255,
106.407


 98, 17.255,
106.407


 100, 17.255,
106.407


 88, 17.255,
106.407

 78, 17.255,
106.407

 68, 17.255,
106.407

 58, 17.255,
106.407

 48, 17.255,
106.407

 38, 17.255,
106.407

 28, 17.255,

106.407

■ 18, 17.255,
106.407

■ 8, 17.255, 106.407

■ 98, 17.255,
106.407

■ 98, 17.255,
106.407

■ 97, 29.317,
105.381

■ 99, 5.123, 107.422

■ 96, 41.203,
104.347

■ 100, 0.657,
264.951

■ 96, 52.750,
103.331

■ 100, 0.683,
200.333

■ 95, 63.699,
102.356

■ 94, 73.648,
101.449

■ 94, 82.030,
100.639

■ 93, 88.172, 99.955

■ 93, 91.560, 99.407

■ 93, 92.466, 99.138

Harmonies

Complementary

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



98, 17.255, 106.407



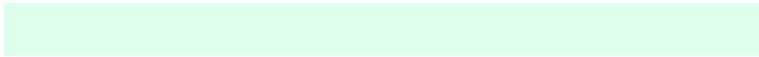
88, 17.765, 289.474

Rectangle

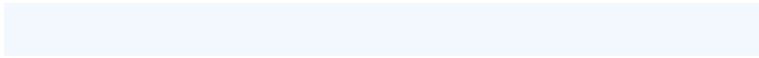
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 17.255, 106.407



98, 17.255, 156.407



98, 17.255, 286.407



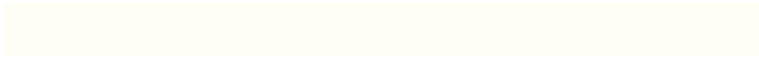
98, 17.255, 336.407

Sweetspot

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



98, 17.257, 106.414



100, 4.878, 107.443



90, 13.314, 15.009



53, 3.468, 107.371



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, 17.257, 106.414



98, 20.742, 106.128



97, 19.176, 126.027



53, 6.941, 106.895



72, 74.964, 99.204



25, 34.016, 99.845

Inverse Universe

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



88, 17.765, 289.474



87, 21.476, 289.832



89, 19.613, 307.413



49, 7.082, 288.904



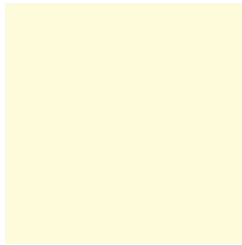
24, 105.317, 305.650



4, 42.368, 300.812

Previews

White Background



This preview shows how the CIE LCh color 98, 17.255, 106.407 looks on a white background.

Color Contrast Check

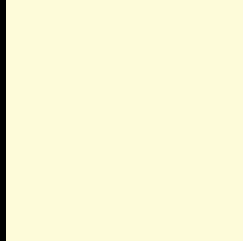
Large Text (above 18pt) WCAG AA × Fail

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, 17.255, 106.407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

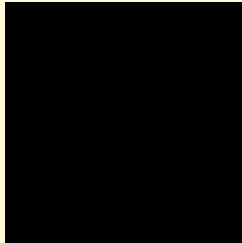
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 17.255, 106.407

Background



This preview shows how black text looks on a background with the CIELCh color 98, 17.255, 106.407.

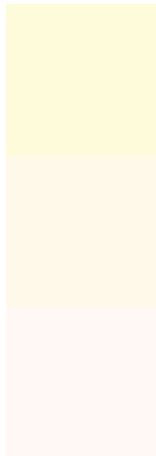


This preview shows how white text looks on a background with the CIELCh color 98, 17.255, 106.407.

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, 17.255, 106.407

Protanopia

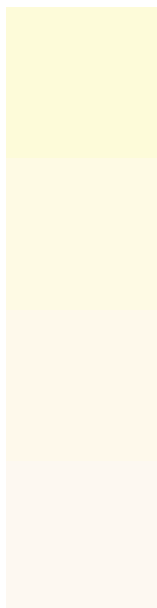
98, 7.909, 93.714

Deuteranopia

98, 2.896, 51.088

Tritanopia
98, 4.619, 317.378

Trichromacy



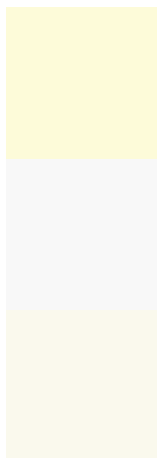
Original Color
98, 17.255, 106.407

Protanomaly
98, 11.258, 101.900

Deuteranomaly
98, 7.325, 95.413

Tritanomaly
98, 3.962, 83.181

Monochromacy



Original Color
98, 17.255, 106.407

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, 17.255, 106.407 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(253, 251, 217)` looks like.

```
.text, #text, p{  
    color:rgb(253, 251, 217)  
}
```

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(253, 251, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 251, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 17.255, 106.407 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(253, 251, 217) }
```

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

```
.border{ border-color:rgb(253, 251, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 251, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 251, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 251, 217); box-shadow:4px 4px 4px 4px rgb(253, 251, 217) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 17.255, 106.407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 251, 217) }
```

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

```
.background{ background-color: rgb(253,  
251, 217) }
```

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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