

Converting Colors

CIELCh(99, 23.815, 100.619)

Have a look what the booklet for
CIELCh(99, 23.815, 100.619)
contains.

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Color

CIElCh(98, 23.271, 106.561)

Conversions

Conversions Part 1

Format	Color
Hex	FEFCCE
RGB	254, 252, 206
RGB Percent	100%, 99%, 81%
CMY	0.0050, 0.0128, 0.1930
CMYK	0.00, 0.01, 0.19, 0.01
HSL	58°, 95%, 90%
HSV	58°, 19%, 99%
XYZ	86.6107, 94.9163, 72.0044
YIQ	247.3540, 15.9580, -13.8820

Conversions

Conversions Part 2

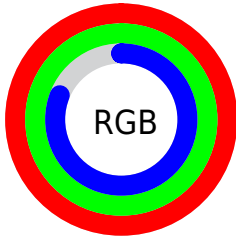
Format	Color
R _Y B	208, 254, 206
Decimal	16710862
CIE Lab	98.00, -6.63, 22.31
CIE LCh	98, 23.271, 106.561
Yxy	94.9163, 0.3416, 0.3744
Android (android.graphics.Color)	4294900942 (0xFFFEFCCE)
YUV	247.3540, -20.3875, 5.8285
Hunter-Lab	97.4250, -11.8073, 24.3777

Details

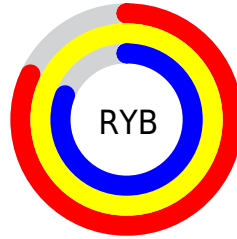
The CIELCh color **98, 23.271, 106.561** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 24.228, 290.675**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 22.814, 106.060** is the 20% darker color. If you saturate the color by 10%, you get **97, 35.444, 105.546**, and if you desaturate by 10%, it is **99, 10.973, 107.578**.

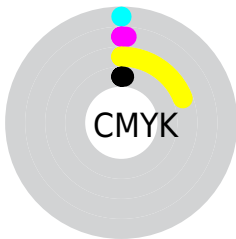
Distribution



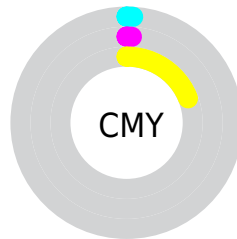
- Red (100%)
- Green (99%)
- Blue (81%)



- Red (82%)
- Yellow (100%)
- Blue (81%)



- Cyan (0%)
- Magenta (1%)
- Yellow (19%)
- Black (1%)





- Cyan (1%)
- Magenta (1%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 23.271, 106.561 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, 23.271, 106.561 by changing the saturation by 10% instead.


 98, 23.271,
106.561


 98, 23.271,
106.561


 100, 23.271,
106.561


 88, 23.271,
106.561

 78, 23.271,
106.561

 68, 23.271,
106.561

 58, 23.271,
106.561

 48, 23.271,
106.561

 38, 23.271,
106.561

 28, 23.271,

106.561

■ 18, 23.271,
106.561

■ 8, 23.271, 106.561

■ 98, 23.271,
106.561

■ 98, 23.271,
106.561

■ 97, 35.444,
105.546

■ 99, 10.973,
107.578

■ 97, 47.355,
104.537

■ 100, 0.602,
286.509

■ 96, 58.797,
103.561

■ 100, 0.410,
208.979

■ 96, 69.443,
102.644

■ 100, 0.444,
200.870

■ 95, 78.811,
101.818

■ 95, 86.272,
101.117

■ 94, 91.196,
100.565

■ 94, 93.428,
100.158

■ 94, 93.600,
100.118

Harmonies

Complementary

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



98, 23.271, 106.561



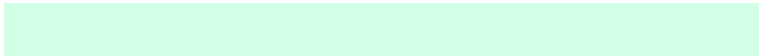
85, 24.228, 290.675

Rectangle

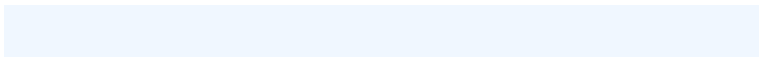
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 23.271, 106.561



98, 23.271, 156.561



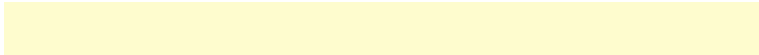
98, 23.271, 286.561



98, 23.271, 336.561

Sweetspot

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



98, 23.273, 106.566



99, 7.428, 107.866



87, 18.011, 16.808



53, 4.928, 107.801



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

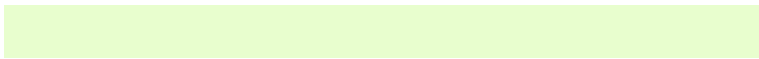
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 23.273, 106.566



98, 28.403, 106.147



97, 25.616, 126.403



53, 7.041, 107.517



73, 75.715, 100.166



25, 34.393, 100.675

Inverse Universe

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



85, 24.228, 290.675



82, 29.855, 291.248



86, 26.368, 308.247



49, 7.187, 289.503



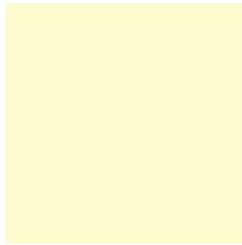
23, 105.930, 305.811



4, 42.814, 301.063

Previews

White Background



This preview shows how the CIE LCh color 98, 23.271, 106.561 looks on a white background.

Color Contrast Check

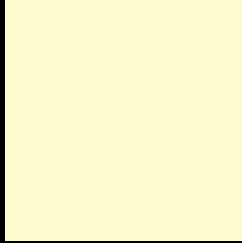
Large Text (above 18pt) WCAG AA × Fail

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, 23.271, 106.561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

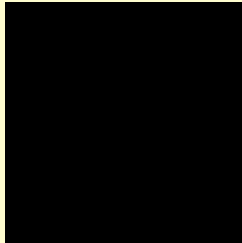
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 23.271, 106.561

Background



This preview shows how black text looks on a background with the CIELCh color 98, 23.271, 106.561.

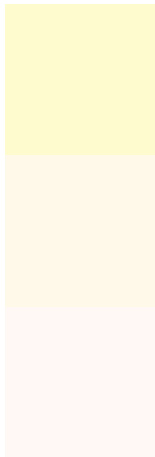


This preview shows how white text looks on a background with the CIELCh color 98, 23.271, 106.561.

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, 23.288, 106.553

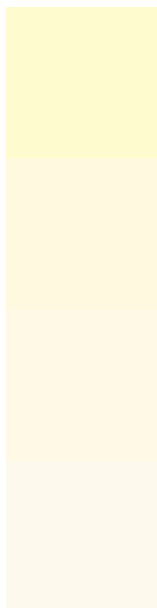
Protanopia
98, 8.400, 94.603

Deuteranopia
98, 3.192, 58.882



Tritanopia
98, 4.791, 321.097

Trichromacy



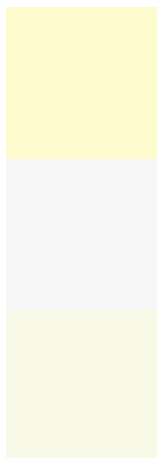
Original Color
98, 23.288, 106.553

Protanomaly
98, 13.821, 101.509

Deuteranomaly
98, 9.885, 96.715

Tritanomaly
98, 6.341, 93.278

Monochromacy



Original Color
98, 23.288, 106.553

Achromatopsia
97, 0.011, 296.813

Achromatomaly
98, 8.644, 109.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 23.271, 106.561 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, 252, 206)` looks like.

```
.text, #text, p{  
    color:rgb(254, 252, 206)  
}
```

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, 252, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 252, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 23.271, 106.561 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, 252, 206) }
```

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

```
.border{ border-color:rgb(254, 252, 206) }
```

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

Here you see how a box with a 4 pixel rgb(254, 252, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 252, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 252, 206);  
box-shadow:4px 4px 4px 4px rgb(254, 252,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 23.271, 106.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 252, 206) }
```

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

```
.background{ background-color: rgb(254,  
252, 206) }
```

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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