

Converting Colors

CIELCh(100, 26.636, 126.866)

Have a look what the booklet for
CIELCh(100, 26.636, 126.866)
contains.

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Color

CIELCh(98, 21.999, 123.057)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFD5
RGB	240, 255, 213
RGB Percent	94%, 100%, 84%
CMY	0.0585, 0.0000, 0.1644
CMYK	0.06, 0.00, 0.16, 0.00
HSL	81°, 100%, 92%
HSV	81°, 16%, 100%
XYZ	83.7658, 94.9163, 76.9064
YIQ	245.7270, 4.5420, -16.2420

Conversions

Conversions Part 2

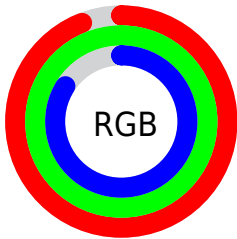
Format	Color
R_{YB}	213, 255, 228
Decimal	15794133
CIE _{Lab}	98.00, -12.00, 18.44
CIE _{LCh}	98, 21.999, 123.057
Y _{xy}	94.9163, 0.3277, 0.3714
Android (android.graphics.Color)	4293984213 (0xFFFF0FFD5)
YUV	245.7270, -16.1344, -5.0226
Hunter-Lab	97.4250, -17.0198, 21.3945

Details

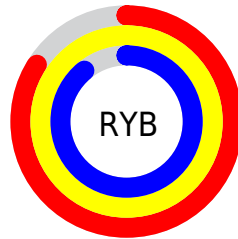
The CIELCh color **98, 21.999, 123.057** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 22.612, 304.823**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 21.930, 122.592** is the 20% darker color. If you saturate the color by 10%, you get **97, 35.210, 122.460**, and if you desaturate by 10%, it is **99, 8.598, 123.559**.

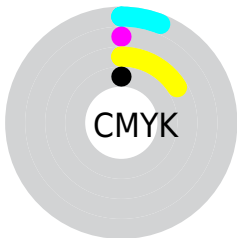
Distribution



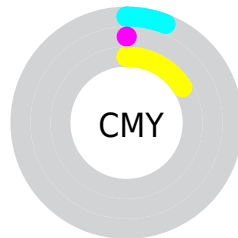
- Red (94%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 21.999, 123.057 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, 21.999, 123.057 by changing the saturation by 10% instead.


 98, 21.999,
123.057


 98, 21.999,
123.057


 100, 21.999,
123.057


 88, 21.999,
123.057

 78, 21.999,
123.057

 68, 21.999,
123.057

 58, 21.999,
123.057

 48, 21.999,
123.057

 38, 21.999,
123.057

 28, 21.999,

123.057

■ 18, 21.999,
123.057

■ 8, 21.999, 123.057

■ 98, 21.999,
123.057

■ 98, 21.999,
123.057

■ 97, 35.210,
122.460

■ 99, 8.598, 123.559

■ 96, 48.235,
121.919

100, 0.012,
296.813

■ 95, 60.830,
121.424

■ 94, 72.702,
121.029

■ 93, 83.426,
120.814

■ 93, 92.441,
120.889

■ 92, 99.153,
121.376

■ 92, 103.234,
122.359

■ 91, 104.271,
122.780

Harmonies

Complementary

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



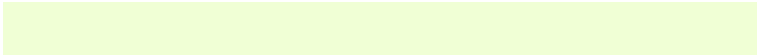
98, 21.999, 123.057



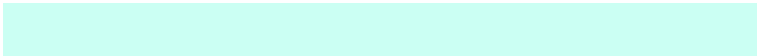
88, 22.612, 304.823

Rectangle

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



98, 21.999, 123.057



98, 21.999, 173.057



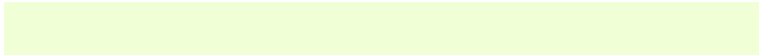
98, 21.999, 303.057



98, 21.999, 353.057

Sweetspot

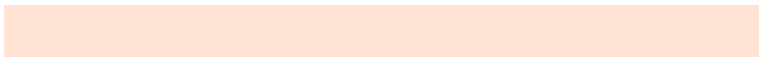
The Sweet Spot groups the original color and five complimentary colors.



98, 21.954, 123.013



99, 6.672, 123.638



92, 12.684, 56.326



53, 4.553, 123.600



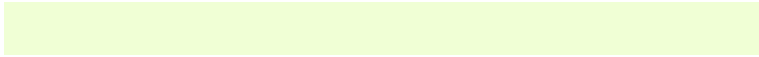
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

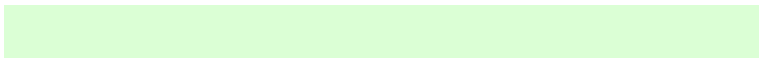
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 21.954, 123.013



98, 26.690, 122.816



97, 25.003, 139.443



53, 7.594, 123.393



71, 83.815, 122.508



24, 37.517, 121.014

Inverse Universe

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



88, 22.612, 304.823



85, 27.672, 305.052



89, 25.156, 321.042



49, 7.729, 304.400



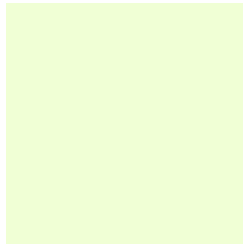
27, 103.568, 309.104



5, 44.845, 309.066

Previews

White Background



This preview shows how the CIELCh color 98, 21.999, 123.057 looks on a white background.

Color Contrast Check

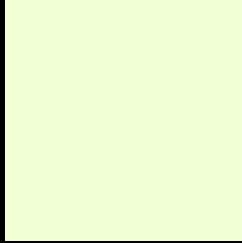
Large Text (above 18pt) WCAG AA × Fail

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, 21.999, 123.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

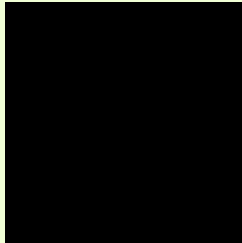
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

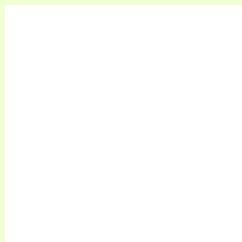
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 21.999, 123.057

Background



This preview shows how black text looks on a background with the CIELCh color 98, 21.999, 123.057.

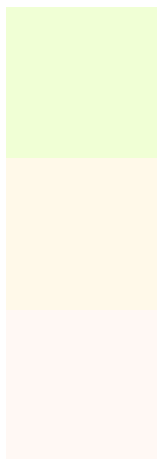


This preview shows how white text looks on a background with the CIELCh color 98, 21.999, 123.057.

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, 21.999, 123.057

Protanopia

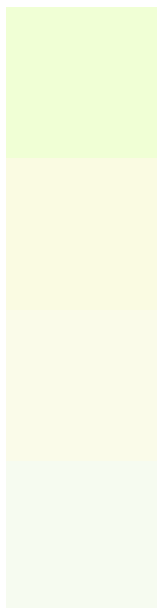
98, 8.400, 94.603

Deuteranopia

98, 3.192, 58.882

Tritanopia
98, 3.070, 290.433

Trichromacy



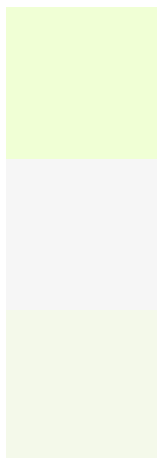
Original Color
98, 21.999, 123.057

Protanomaly
98, 12.699, 110.847

Deuteranomaly
98, 9.150, 111.729

Tritanomaly
98, 5.882, 127.285

Monochromacy



Original Color
98, 21.999, 123.057

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 7.858, 122.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 21.999, 123.057 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(240, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 213)  
}
```

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(240, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 21.999, 123.057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

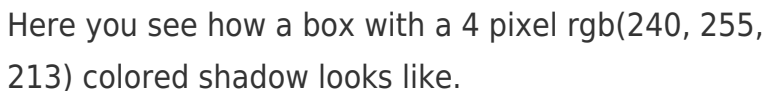
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 255, 213) }
```

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

```
.border{ border-color:rgb(240, 255, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(240, 255, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 21.999, 123.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 213) }
```

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

```
.background{ background-color: rgb(240,  
255, 213) }
```

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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