

Converting Colors

CIELCh(100, 31.780, 127.276)

Have a look what the booklet for
CIELCh(100, 31.780, 127.276)
contains.

CIELCh(98, 26.291, 123.756)	3
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Color

CIElCh(98, 26.291, 123.756)

Conversions

Conversions Part 1

Format	Color
Hex	EDFFCE
RGB	237, 255, 206
RGB Percent	93%, 100%, 81%
CMY	0.0693, 0.0000, 0.1910
CMYK	0.07, 0.00, 0.19, 0.00
HSL	82°, 100%, 90%
HSV	82°, 19%, 100%
XYZ	82.4056, 94.9163, 72.5600
YIQ	244.0320, 5.0010, -19.0550

Conversions

Conversions Part 2

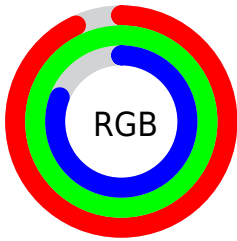
Format	Color
R _Y B	206, 255, 224
Decimal	15597518
CIE Lab	98.00, -14.61, 21.86
CIE LCh	98, 26.291, 123.756
Yxy	94.9163, 0.3298, 0.3798
Android (android.graphics.Color)	4293787598 (0xFFEDFFCE)
YUV	244.0320, -18.7498, -6.1671
Hunter-Lab	97.4250, -19.5119, 24.0396

Details

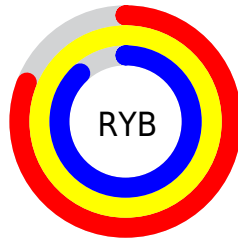
The CIELCh color **98, 26.291, 123.756** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 26.409, 305.230**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 25.295, 123.181** is the 20% darker color. If you saturate the color by 10%, you get **97, 38.754, 122.577**, and if you desaturate by 10%, it is **99, 12.166, 123.669**.

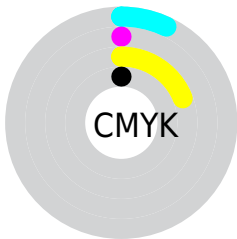
Distribution



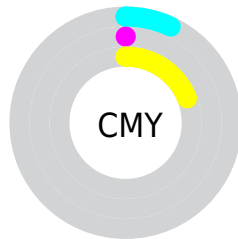
- Red (93%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (88%)



- Cyan (7%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 26.291, 123.756 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, 26.291, 123.756 by changing the saturation by 10% instead.


 98, 26.291,
123.756


 98, 26.291,
123.756


 100, 26.291,
123.756


 88, 26.291,
123.756

 78, 26.291,
123.756

 68, 26.291,
123.756

 58, 26.291,
123.756

 48, 26.291,
123.756

 38, 26.291,
123.756

 28, 26.291,

123.756

■ 18, 26.291,
123.756

■ 8, 26.291, 123.756

■ 98, 26.291,
123.756

■ 98, 26.291,
123.756

■ 97, 38.754,
122.577

■ 99, 12.166,
123.669

■ 96, 51.708,
122.048

100, 0.012,
296.813

■ 95, 64.167,
121.577

■ 94, 75.805,
121.225

■ 93, 86.160,
121.080

■ 92, 94.644,
121.257

■ 92, 100.697,
121.878

■ 91, 104.239,
122.974

■ 91, 104.506,
123.080

Harmonies

Complementary

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



98, 26.291, 123.756



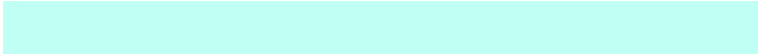
86, 26.409, 305.230

Rectangle

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



98, 26.291, 123.756



98, 26.291, 173.756



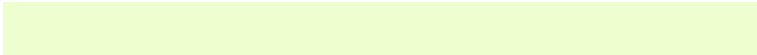
98, 26.291, 303.756



98, 26.291, 353.756

Sweetspot

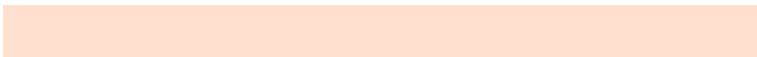
The Sweet Spot groups the original color and five complimentary colors.



98, 25.524, 123.125



99, 8.019, 123.836



91, 14.875, 56.116



53, 5.320, 123.801



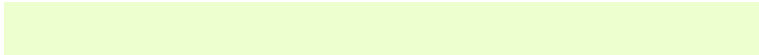
0, 0.000, 0.000



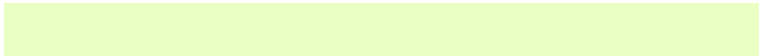
53, 0.007, 296.813

Same Dimension

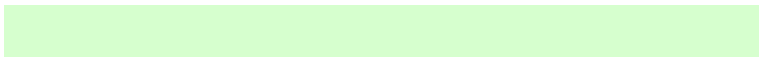
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 25.524, 123.125



97, 30.708, 122.911



96, 29.068, 139.284



53, 7.603, 123.647



71, 84.000, 122.806



24, 37.586, 121.300

Inverse Universe

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



86, 26.409, 305.230



83, 32.010, 305.486



88, 29.266, 321.168



49, 7.737, 304.644



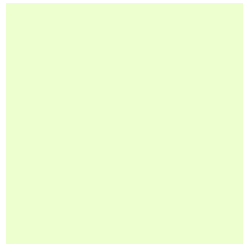
27, 103.434, 309.211



5, 44.854, 309.236

Previews

White Background



This preview shows how the CIE LCh color 98, 26.291, 123.756 looks on a white background.

Color Contrast Check

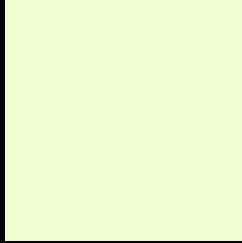
Large Text (above 18pt) WCAG AA × Fail

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, 26.291, 123.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

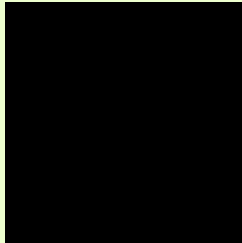
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

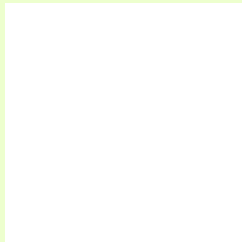
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 26.291, 123.756

Background



This preview shows how black text looks on a background with the CIELCh color 98, 26.291, 123.756.

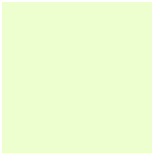
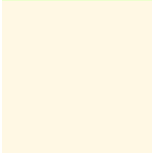
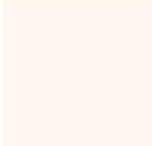


This preview shows how white text looks on a background with the CIELCh color 98, 26.291, 123.756.

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

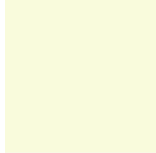
	Original Color 98, 25.703, 123.296
	Protanopia 98, 10.471, 95.314
	Deuteranopia 97, 3.779, 51.998

Tritanopia
98, 3.594, 284.940

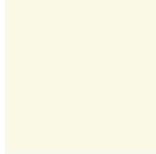
Trichromacy



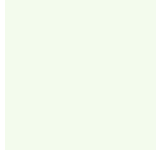
Original Color
98, 25.703, 123.296



Protanomaly
98, 15.754, 111.640

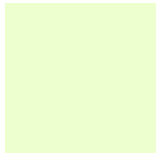


Deuteranomaly
97, 10.170, 109.394

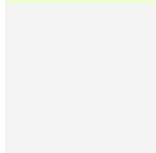


Tritanomaly
98, 7.695, 131.311

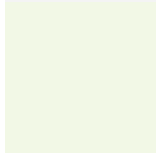
Monochromacy



Original Color
98, 25.703, 123.296



Achromatopsia
96, 0.011, 296.813



Achromatomaly
97, 9.439, 122.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 26.291, 123.756 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(237, 255, 206)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 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(237, 255, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 26.291, 123.756 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(237, 255, 206) }
```

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

```
.border{ border-color:rgb(237, 255, 206) }
```

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

Here you see how a box with a 4 pixel rgb(237, 255, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 26.291, 123.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 206) }
```

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

```
.background{ background-color: rgb(237,  
255, 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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