

Converting Colors

CIELCh(98, 23.250, 127.246)

Have a look what the booklet for
CIELCh(98, 23.250, 127.246)
contains.

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Color

CIElCh(98, 22.433, 126.611)

Conversions

Conversions Part 1

Format	Color
Hex	EDFFD6
RGB	237, 255, 214
RGB Percent	93%, 100%, 84%
CMY	0.0711, 0.0000, 0.1613
CMYK	0.07, 0.00, 0.16, 0.00
HSL	86°, 100%, 92%
HSV	86°, 16%, 100%
XYZ	83.0451, 94.9163, 77.4660
YIQ	244.9440, 2.4330, -16.5670

Conversions

Conversions Part 2

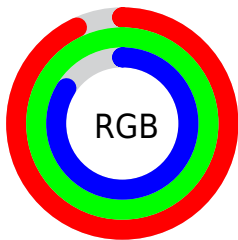
Format	Color
R _Y B	214, 255, 232
Decimal	15597526
CIE Lab	98.00, -13.38, 18.01
CIE LCh	98, 22.433, 126.611
Yxy	94.9163, 0.3251, 0.3716
Android (android.graphics.Color)	4293787606 (0xFFE ⁶ FFD ⁶)
YUV	244.9440, -15.2554, -6.9669
Hunter-Lab	97.4250, -18.3402, 21.0540

Details

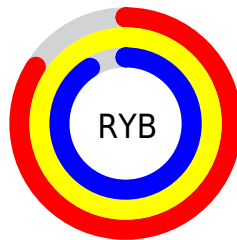
The CIELCh color **98, 22.433, 126.611** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 22.475, 307.769**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 21.762, 125.859** is the 20% darker color. If you saturate the color by 10%, you get **97, 35.442, 125.688**, and if you desaturate by 10%, it is **99, 8.321, 126.693**.

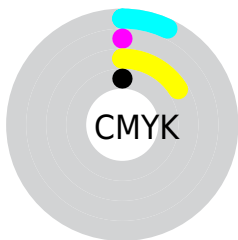
Distribution



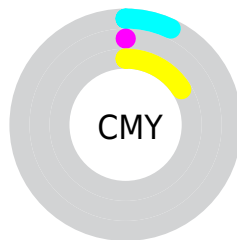
- Red (93%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (91%)



- Cyan (7%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 22.433, 126.611 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, 22.433, 126.611 by changing the saturation by 10% instead.


 98, 22.433,
126.611


 98, 22.433,
126.611

 100, 22.433,
126.611


 88, 22.433,
126.611

 78, 22.433,
126.611

 68, 22.433,
126.611

 58, 22.433,
126.611

 48, 22.433,
126.611

 38, 22.433,
126.611

 28, 22.433,

126.611

■ 18, 22.433,
126.611

■ 8, 22.433, 126.611

■ 98, 22.433,
126.611

■ 98, 22.433,
126.611

■ 97, 35.442,
125.688

■ 99, 8.321, 126.693

■ 95, 48.758,
125.186

100, 0.012,
296.813

■ 94, 61.668,
124.723

■ 93, 73.877,
124.352

■ 93, 84.965,
124.156

■ 92, 94.377,
124.251

■ 91, 101.516,
124.765

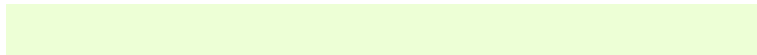
■ 91, 106.032,
125.789

■ 90, 107.292,
126.266

Harmonies

Complementary

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



98, 22.433, 126.611



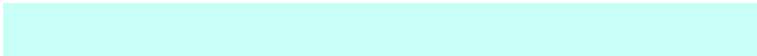
88, 22.475, 307.769

Rectangle

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



98, 22.433, 126.611



98, 22.433, 176.611



98, 22.433, 306.611



98, 22.433, 356.611

Sweetspot

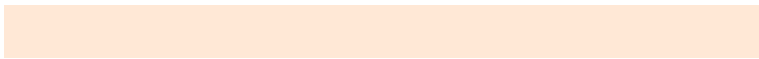
The Sweet Spot groups the original color and five complimentary colors.



98, 21.917, 126.195



99, 6.780, 126.750



93, 12.634, 66.037



53, 4.627, 126.714



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

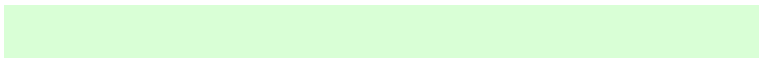
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 21.917, 126.195



97, 25.806, 126.051



96, 25.199, 141.726



53, 7.720, 126.526



70, 86.198, 125.979



24, 38.427, 124.408

Inverse Universe

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



88, 22.475, 307.769



86, 26.582, 307.928



90, 25.274, 323.454



49, 7.840, 307.416



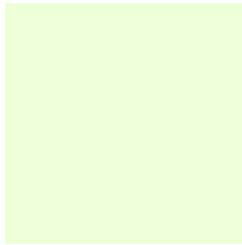
29, 101.817, 310.604



6, 44.920, 311.262

Previews

White Background



This preview shows how the CIE LCh color 98, 22.433, 126.611 looks on a white background.

Color Contrast Check

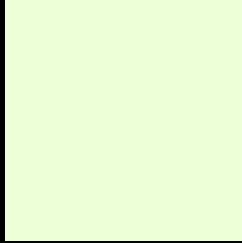
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 98, 22.433, 126.611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

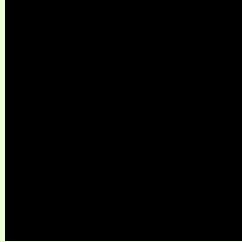
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

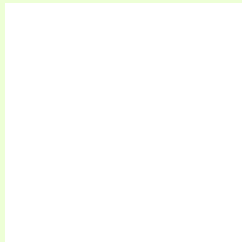
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 22.433, 126.611

Background



This preview shows how black text looks on a background with the CIELCh color 98, 22.433, 126.611.

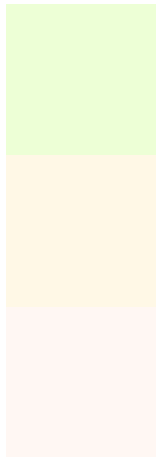


This preview shows how white text looks on a background with the CIELCh color 98, 22.433, 126.611.

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, 21.835, 126.142

Protanopia

98, 9.484, 93.941

Deuteranopia

98, 3.479, 55.154

Tritanopia
98, 3.594, 284.940

Trichromacy



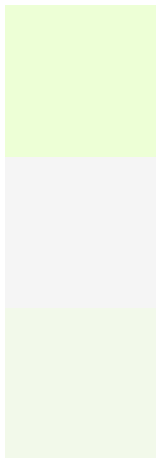
Original Color
98, 21.835, 126.142

Protanomaly
98, 13.759, 113.680

Deuteranomaly
98, 9.183, 113.966

Tritanomaly
98, 6.298, 136.439

Monochromacy



Original Color
98, 21.835, 126.142

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 8.060, 127.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 22.433, 126.611 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 22.433, 126.611 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, 214) }
```

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

```
.border{ border-color:rgb(237, 255, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 22.433, 126.611 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, 214) }
```

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

```
.background{ background-color: rgb(237,  
255, 214) }
```

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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