

Converting Colors

CIELCh(98, 22.542, 127.456)

Have a look what the booklet for
CIELCh(98, 22.542, 127.456)
contains.

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Color

CIElCh(98, 21.953, 127.031)

Conversions

Conversions Part 1

Format	Color
Hex	EDFFD7
RGB	237, 255, 215
RGB Percent	93%, 100%, 84%
CMY	0.0713, 0.0000, 0.1576
CMYK	0.07, 0.00, 0.16, 0.00
HSL	87°, 100%, 92%
HSV	87°, 16%, 100%
XYZ	83.1272, 94.9163, 78.0947
YIQ	245.0580, 2.1120, -16.2560

Conversions

Conversions Part 2

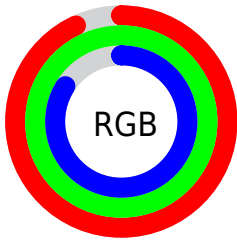
Format	Color
R _Y B	215, 255, 233
Decimal	15597527
CIE _{Lab}	98.00, -13.22, 17.53
CIE _{LCh}	98, 21.953, 127.031
Y _{xy}	94.9163, 0.3245, 0.3706
Android (android.graphics.Color)	4293787607 (0xFFE _{FF} D7)
Y _{UV}	245.0580, -14.8186, -7.0669
Hunter-Lab	97.4250, -18.1898, 20.6713

Details

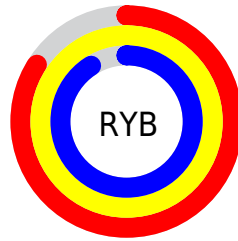
The CIELCh color **98, 21.953, 127.031** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 21.992, 308.158**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 21.259, 126.306** is the 20% darker color. If you saturate the color by 10%, you get **97, 35.040, 126.143**, and if you desaturate by 10%, it is **99, 7.837, 127.137**.

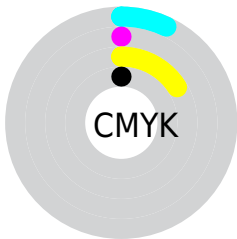
Distribution



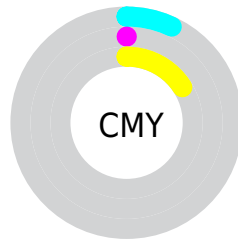
- Red (93%)
- Green (100%)
- Blue (84%)



- 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, 21.953, 127.031 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, 21.953, 127.031 by changing the saturation by 10% instead.


 98, 21.953,
127.031


 98, 21.953,
127.031


 100, 21.953,
127.031


 88, 21.953,
127.031

 78, 21.953,
127.031

 68, 21.953,
127.031

 58, 21.953,
127.031

 48, 21.953,
127.031

 38, 21.953,
127.031

 28, 21.953,

127.031

■ 18, 21.953,
127.031

■ 8, 21.953, 127.031

■ 98, 21.953,
127.031

■ 98, 21.953,
127.031

■ 97, 35.040,
126.143

■ 99, 7.837, 127.137

■ 95, 48.410,
125.643

100, 0.012,
296.813

■ 94, 61.383,
125.179

■ 93, 73.670,
124.804

■ 92, 84.855,
124.600

■ 92, 94.386,
124.681

■ 91, 101.664,
125.178

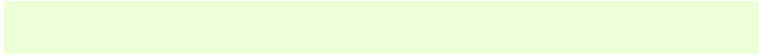
■ 91, 106.321,
126.182

■ 90, 107.720,
126.706

Harmonies

Complementary

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



98, 21.953, 127.031



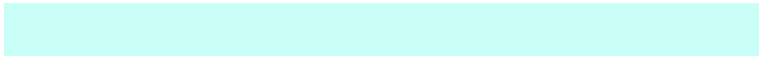
88, 21.992, 308.158

Rectangle

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



98, 21.953, 127.031



98, 21.953, 177.031



98, 21.953, 307.031



98, 21.953, 357.031

Sweetspot

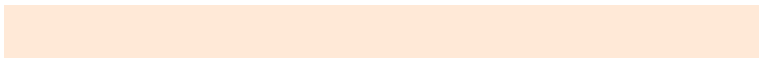
The Sweet Spot groups the original color and five complimentary colors.



98, 21.470, 126.645



99, 6.796, 127.175



94, 12.412, 67.962



53, 4.638, 127.140



0, 0.000, 0.000



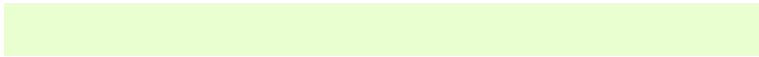
53, 0.007, 296.813

Same Dimension

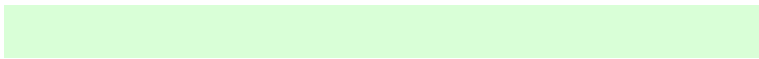
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 21.470, 126.645



97, 25.874, 126.483



96, 24.751, 142.187



53, 7.739, 126.953



70, 86.537, 126.419



24, 38.560, 124.848

Inverse Universe

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



88, 21.992, 308.158



86, 26.634, 308.334



90, 24.811, 323.907



49, 7.857, 307.830



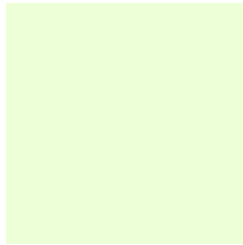
29, 101.564, 310.842



6, 44.922, 311.579

Previews

White Background



This preview shows how the CIE LCh color 98, 21.953, 127.031 looks on a white background.

Color Contrast Check

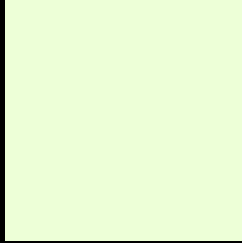
Large Text (above 18pt) WCAG AA × Fail

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, 21.953, 127.031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

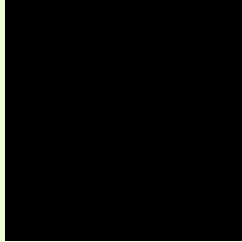
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

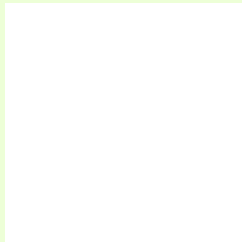
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 21.953, 127.031

Background



This preview shows how black text looks on a background with the CIELCh color 98, 21.953, 127.031.

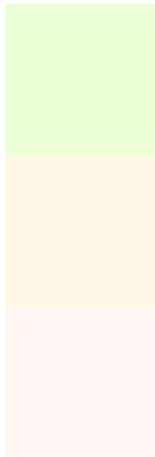


This preview shows how white text looks on a background with the CIELCh color 98, 21.953, 127.031.

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



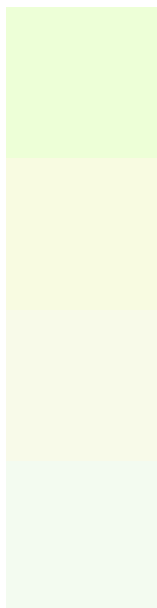
Original Color
98, 21.354, 126.563

Protanopia
98, 8.994, 93.134

Deuteranopia
98, 3.479, 55.154

Tritanopia
98, 3.594, 284.940

Trichromacy



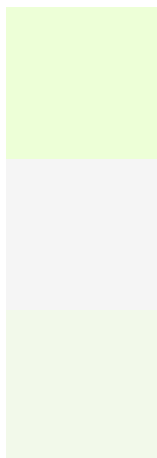
Original Color
98, 21.354, 126.563

Protanomaly
98, 13.254, 113.886

Deuteranomaly
98, 8.676, 114.260

Tritanomaly
98, 6.298, 136.439

Monochromacy



Original Color
98, 21.354, 126.563

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, 21.953, 127.031 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 21.953, 127.031 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, 215) }
```

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

```
.border{ border-color:rgb(237, 255, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 215);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 21.953, 127.031 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, 215) }
```

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

```
.background{ background-color: rgb(237,  
255, 215) }
```

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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