

Converting Colors

CIELCh(98, 17.699, 127.301)

Have a look what the booklet for
CIELCh(98, 17.699, 127.301)
contains.

CIELCh(98, 17.753, 127.954)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(98, 17.753, 127.954)

Conversions

Conversions Part 1

Format	Color
Hex	EFFFDE
RGB	239, 255, 222
RGB Percent	94%, 100%, 87%
CMY	0.0638, 0.0010, 0.1304
CMYK	0.06, 0.00, 0.13, 0.00
HSL	89°, 98%, 93%
HSV	89°, 13%, 100%
XYZ	84.3339, 94.9163, 82.8018
YIQ	246.4540, 1.0570, -13.6550

Conversions

Conversions Part 2

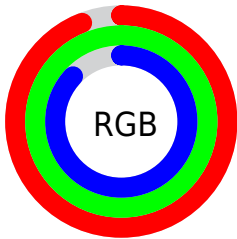
Format	Color
R_{YB}	222, 255, 238
Decimal	15728606
CIE _{Lab}	98.00, -10.92, 14.00
CIE _{LCh}	98, 17.753, 127.954
Yxy	94.9163, 0.3218, 0.3622
Android (android.graphics.Color)	4293918686 (0xFFEFFFDE)
YUV	246.4540, -12.0558, -6.5372
Hunter-Lab	97.4250, -15.9789, 17.8067

Details

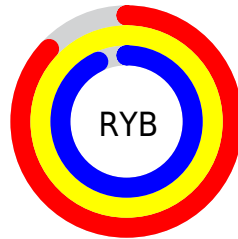
The CIELCh color **98, 17.753, 127.954** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **91, 18.089, 309.139**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 17.490, 127.799** is the 20% darker color. If you saturate the color by 10%, you get **97, 31.455, 127.468**, and if you desaturate by 10%, it is **99, 4.032, 128.444**.

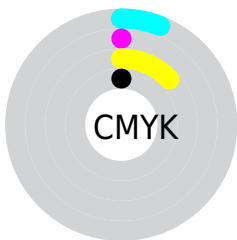
Distribution



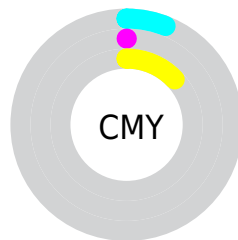
- Red (94%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 17.753, 127.954 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, 17.753, 127.954 by changing the saturation by 10% instead.


 98, 17.753,
127.954


 98, 17.753,
127.954


 100, 17.753,
127.954


 88, 17.753,
127.954

 78, 17.753,
127.954

 68, 17.753,
127.954

 58, 17.753,
127.954

 48, 17.753,
127.954

 38, 17.753,
127.954

 28, 17.753,

127.954

■ 18, 17.753,
127.954

■ 8, 17.753, 127.954

■ 98, 17.753,
127.954

■ 98, 17.753,
127.954

■ 97, 31.455,
127.468

■ 99, 4.032, 128.444

■ 95, 45.006,
126.973

100, 0.171,
322.635

■ 94, 58.229,
126.498

■ 93, 70.862,
126.091

■ 92, 82.525,
125.824

■ 92, 92.701,
125.805

■ 91, 100.784,
126.164

■ 90, 106.298,
127.014

■ 90, 108.814,
127.862

Harmonies

Complementary

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



98, 17.753, 127.954



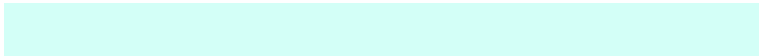
91, 18.089, 309.139

Rectangle

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



98, 17.753, 127.954



98, 17.753, 177.954



98, 17.753, 307.954



98, 17.753, 357.954

Sweetspot

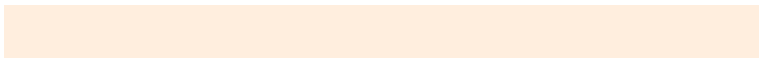
The Sweet Spot groups the original color and five complimentary colors.



98, 17.755, 127.957



99, 5.472, 128.389



95, 10.284, 71.981



53, 3.891, 128.351



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

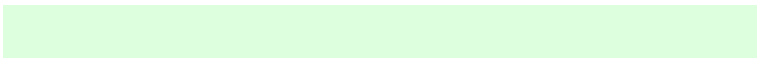
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 17.755, 127.957



98, 21.955, 127.810



97, 20.518, 143.238



53, 7.795, 128.122



69, 87.471, 127.577



24, 38.931, 126.016

Inverse Universe

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



91, 18.089, 309.139



88, 22.461, 309.293



92, 20.549, 324.686



49, 7.907, 308.967



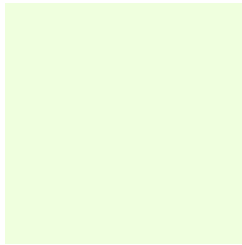
30, 100.859, 311.533



6, 44.913, 312.465

Previews

White Background



This preview shows how the CIE LCh color 98, 17.753, 127.954 looks on a white background.

Color Contrast Check

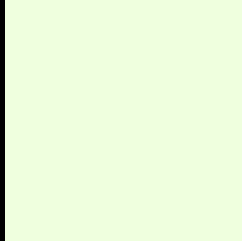
Large Text (above 18pt) WCAG AA × Fail

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, 17.753, 127.954 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

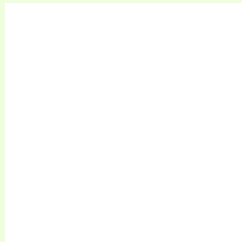
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 17.753, 127.954

Background



This preview shows how black text looks on a background with the CIELCh color 98, 17.753, 127.954.

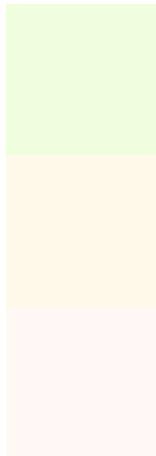


This preview shows how white text looks on a background with the CIELCh color 98, 17.753, 127.954.

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, 17.753, 127.954

Protanopia

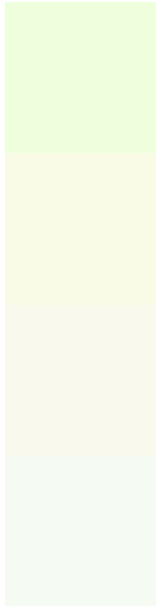
98, 7.909, 93.714

Deuteranopia

98, 2.896, 51.088

Tritanopia
98, 3.084, 283.981

Trichromacy



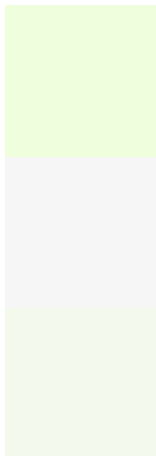
Original Color
98, 17.753, 127.954

Protanomaly
98, 10.695, 113.232

Deuteranomaly
98, 6.619, 112.758

Tritanomaly
98, 4.604, 137.208

Monochromacy



Original Color
98, 17.753, 127.954

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 6.492, 128.879

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 17.753, 127.954 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(239, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 222)  
}
```

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(239, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 17.753, 127.954 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(239, 255, 222) }
```

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

```
.border{ border-color:rgb(239, 255, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 17.753, 127.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 222) }
```

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

```
.background{ background-color: rgb(239,  
255, 222) }
```

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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