

Converting Colors

CIELCh(98, 14.383, 127.417)

Have a look what the booklet for
CIELCh(98, 14.383, 127.417)
contains.

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Color

CIElCh(98, 14.520, 127.945)

Conversions

Conversions Part 1

Format	Color
Hex	F1FEE3
RGB	241, 254, 227
RGB Percent	95%, 100%, 89%
CMY	0.0559, 0.0049, 0.1108
CMYK	0.05, 0.00, 0.11, 0.00
HSL	89°, 92%, 94%
HSV	89°, 11%, 100%
XYZ	85.3862, 94.9163, 86.3173
YIQ	247.0350, 0.9190, -11.1530

Conversions

Conversions Part 2

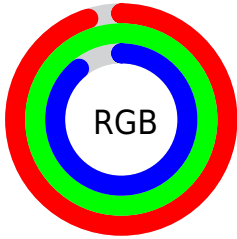
Format	Color
R_{YB}	227, 254, 240
Decimal	15859427
CIE _{Lab}	98.00, -8.93, 11.45
CIE _{LCh}	98, 14.520, 127.945
Yxy	94.9163, 0.3203, 0.3560
Android (android.graphics.Color)	4294049507 (0xFFFF1FEE3)
YUV	247.0350, -9.8773, -5.2927
Hunter-Lab	97.4250, -14.0509, 15.6673

Details

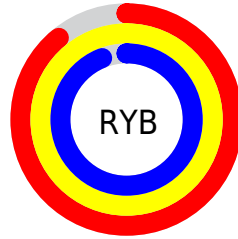
The CIELCh color **98, 14.520, 127.945** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **92, 14.753, 308.907**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 14.102, 127.802** is the 20% darker color. If you saturate the color by 10%, you get **97, 28.182, 127.462**, and if you desaturate by 10%, it is **99, 0.861, 128.550**.

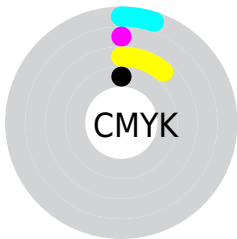
Distribution



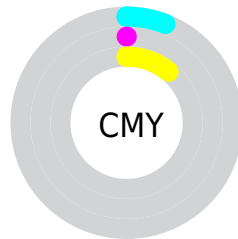
- Red (95%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (94%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 14.520, 127.945 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, 14.520, 127.945 by changing the saturation by 10% instead.

 98, 14.520,
127.945


 98, 14.520,
127.945


 100, 14.520,
127.945


 88, 14.520,
127.945


 78, 14.520,
127.945

 68, 14.520,
127.945

 58, 14.520,
127.945

 48, 14.520,
127.945

 38, 14.520,
127.945

 28, 14.520,

127.945

■ 18, 14.520,
127.945

■ 8, 14.520, 127.945

■ 98, 14.520,
127.945

■ 98, 14.520,
127.945

■ 97, 28.182,
127.462

■ 99, 0.861, 128.550

■ 95, 41.727,
126.966

100, 0.780,
324.072

■ 94, 54.991,
126.483

■ 93, 67.737,
126.055

■ 92, 79.616,
125.748

■ 91, 90.145,
125.661

■ 91, 98.729,
125.922

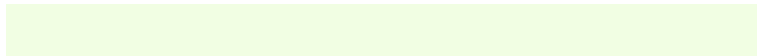
■ 90, 104.832,
126.652

■ 90, 108.372,
127.744

Harmonies

Complementary

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



98, 14.520, 127.945



92, 14.753, 308.907

Rectangle

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



98, 14.520, 127.945



98, 14.520, 177.945



98, 14.520, 307.945



98, 14.520, 357.945

Sweetspot

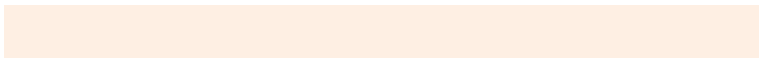
The Sweet Spot groups the original color and five complimentary colors.



98, 14.522, 127.949



100, 4.097, 128.323



95, 8.295, 70.411



53, 3.108, 128.280



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

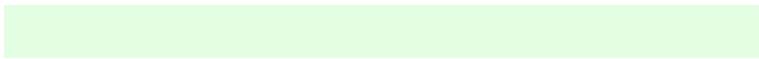
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 14.522, 127.949



98, 17.821, 127.835



97, 16.687, 142.958



53, 7.789, 128.003



69, 87.375, 127.462



24, 38.893, 125.899

Inverse Universe

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



92, 14.753, 308.907



91, 18.159, 309.025



93, 16.720, 324.098



49, 7.902, 308.851



30, 100.932, 311.460



6, 44.915, 312.373

Previews

White Background



This preview shows how the CIE LCh color 98, 14.520, 127.945 looks on a white background.

Color Contrast Check

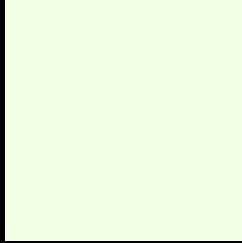
Large Text (above 18pt) WCAG AA × Fail

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, 14.520, 127.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

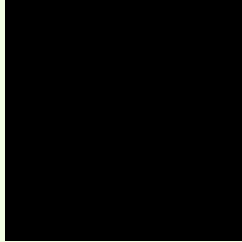
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

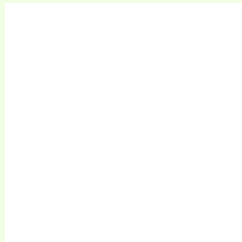
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 14.520, 127.945

Background



This preview shows how black text looks on a background with the CIELCh color 98, 14.520, 127.945.

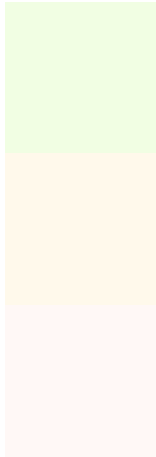


This preview shows how white text looks on a background with the CIELCh color 98, 14.520, 127.945.

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, 14.520, 127.945

Protanopia
98, 7.419, 92.702

Deuteranopia
98, 2.666, 41.733

Tritanopia
98, 3.084, 283.981

Trichromacy



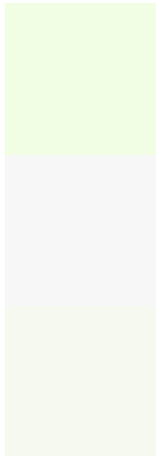
Original Color
98, 14.520, 127.945

Protanomaly
98, 9.658, 111.575

Deuteranomaly
98, 5.587, 109.740

Tritanomaly
98, 3.726, 144.390

Monochromacy



Original Color
98, 14.520, 127.945

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 4.807, 126.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 14.520, 127.945 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(241, 254, 227)` looks like.

```
.text, #text, p{  
    color:rgb(241, 254, 227)  
}
```

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(241, 254, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 254, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 14.520, 127.945 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(241, 254, 227) }
```

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

```
.border{ border-color:rgb(241, 254, 227) }
```

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

Here you see how a box with a 4 pixel rgb(241, 254, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 254, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 254, 227);  
box-shadow:4px 4px 4px 4px rgb(241, 254,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 14.520, 127.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 254, 227) }
```

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

```
.background{ background-color: rgb(241,  
254, 227) }
```

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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