

Converting Colors

CIELCh(98, 8.995, 126.480)

Have a look what the booklet for
CIELCh(98, 8.995, 126.480) contains.

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Color

CIELCh(98, 9.014, 125.613)

Conversions

Conversions Part 1

Format	Color
Hex	F5FCEB
RGB	245, 252, 235
RGB Percent	96%, 99%, 92%
CMY	0.0397, 0.0123, 0.0789
CMYK	0.03, 0.00, 0.07, 0.01
HSL	85°, 73%, 95%
HSV	85°, 7%, 99%
XYZ	87.3548, 94.9163, 92.2139
YIQ	247.9690, 1.2850, -6.7710

Conversions

Conversions Part 2

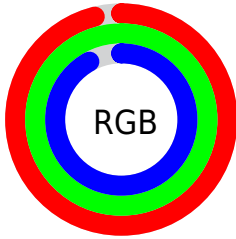
Format	Color
R _Y B	235, 252, 242
Decimal	16121067
CIE Lab	98.00, -5.25, 7.33
CIE LCh	98, 9.014, 125.613
Yxy	94.9163, 0.3182, 0.3458
Android (android.graphics.Color)	4294311147 (0xFF5FCEB)
YUV	247.9690, -6.3937, -2.6038
Hunter-Lab	97.4250, -10.4441, 12.0788

Details

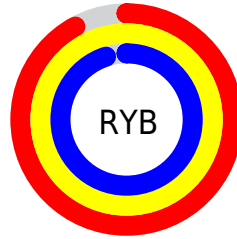
The CIELCh color **98, 9.014, 125.613** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 9.131, 306.256**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 8.843, 124.184** is the 20% darker color. If you saturate the color by 10%, you get **97, 22.390, 125.108**, and if you desaturate by 10%, it is **99, 1.950, 324.351**.

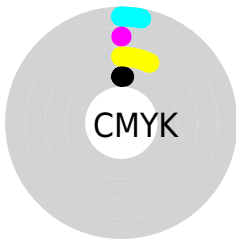
Distribution



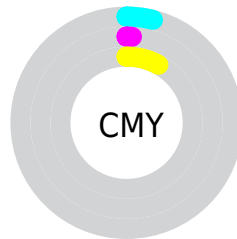
- Red (96%)
- Green (99%)
- Blue (92%)



- Red (92%)
- Yellow (99%)
- Blue (95%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)




- Cyan (4%)
- Magenta (1%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 9.014, 125.613 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, 9.014, 125.613 by changing the saturation by 10% instead.

 98, 9.014, 125.613

 98, 9.014, 125.613

 100, 9.014,
125.613

 88, 9.014, 125.613

 78, 9.014, 125.613

 68, 9.014, 125.613

 58, 9.014, 125.613

 48, 9.014, 125.613

 38, 9.014, 125.613

 28, 9.014, 125.613

 18, 9.014, 125.613

 8, 9.014, 125.613

98, 9.014, 125.613

98, 9.014, 125.613

97, 22.390,
125.108

99, 1.950, 324.351

96, 35.679,
124.588

94, 48.746,
124.077

93, 61.391,
123.610

93, 73.319,
123.242

92, 84.108,
123.056

91, 93.201,
123.168

90, 100.013,
123.703

■ 90,104.234,
124.745

Harmonies

Complementary

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



98, 9.014, 125.613



94, 9.131, 306.256

Rectangle

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



98, 9.014, 125.613



98, 9.014, 175.613



98, 9.014, 305.613



98, 9.014, 355.613

Sweetspot

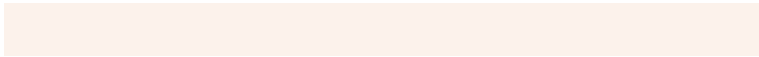
The Sweet Spot groups the original color and five complimentary colors.



98, 9.016, 125.619



100, 2.688, 125.878



96, 5.029, 63.100



53, 1.528, 125.885



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

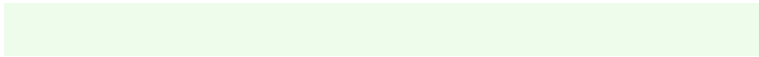
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 9.016, 125.619



99, 10.796, 125.555



97, 10.271, 141.397



52, 7.548, 125.480



69, 84.519, 124.852



23, 36.856, 123.409

Inverse Universe

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



94, 9.131, 306.256



94, 10.951, 306.323



95, 10.306, 322.017



48, 7.672, 306.403



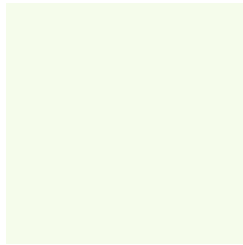
27, 101.394, 310.067



5, 43.112, 310.191

Previews

White Background



This preview shows how the CIE LCh color 98, 9.014, 125.613 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, 9.014, 125.613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

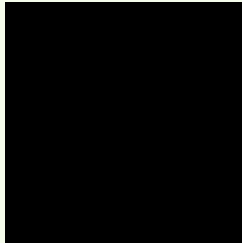
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

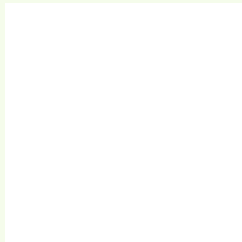
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 9.014, 125.613

Background



This preview shows how black text looks on a background with the CIELCh color 98, 9.014, 125.613.

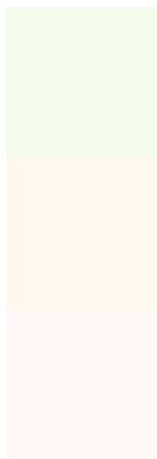


This preview shows how white text looks on a background with the CIELCh color 98, 9.014, 125.613.

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, 9.014, 125.613

Protanopia

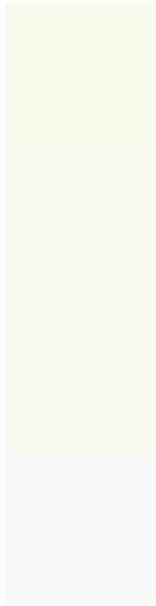
98, 5.650, 83.422

Deuteranopia

98, 2.519, 30.953

Tritanopia
98, 3.070, 290.433

Trichromacy



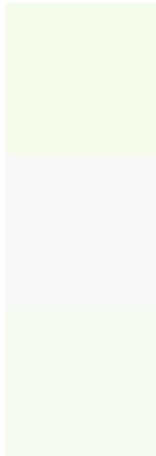
Original Color
98, 9.014, 125.613

Protanomaly
98, 6.134, 103.003

Deuteranomaly
98, 3.119, 96.787

Tritanomaly
98, 1.465, 155.864

Monochromacy



Original Color
98, 9.014, 125.613

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 3.136, 122.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 9.014, 125.613 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(245, 252, 235)` looks like.

```
.text, #text, p{  
    color:rgb(245, 252, 235)  
}
```

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(245, 252, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 252, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 9.014, 125.613 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(245, 252, 235) }
```

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

```
.border{ border-color:rgb(245, 252, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 252, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 252, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 252, 235);  
box-shadow:4px 4px 4px 4px rgb(245, 252,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 9.014, 125.613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 252, 235) }
```

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

```
.background{ background-color: rgb(245,  
252, 235) }
```

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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