

Converting Colors

CIELCh(97, 9.849, 119.947)

Have a look what the booklet for
CIELCh(97, 9.849, 119.947) contains.

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Color

CIELCh(97, 9.851, 119.950)

Conversions

Conversions Part 1

Format	Color
Hex	F4F9E6
RGB	244, 249, 230
RGB Percent	96%, 98%, 90%
CMY	0.0443, 0.0247, 0.0992
CMYK	0.02, 0.00, 0.08, 0.02
HSL	76°, 60%, 94%
HSV	76°, 8%, 98%
XYZ	85.2270, 92.4403, 87.9940
YIQ	245.3390, 3.1190, -6.9690

Conversions

Conversions Part 2

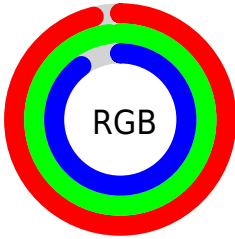
Format	Color
R_{YB}	230, 249, 235
Decimal	16054758
CIE Lab	97.00, -4.92, 8.54
CIE LCh	97, 9.851, 119.950
Yxy	92.4403, 0.3208, 0.3480
Android (android.graphics.Color)	4294244838 (0xFFFF4F9E6)
YUV	245.3390, -7.5621, -1.1743
Hunter-Lab	96.1459, -10.0267, 13.0391

Details

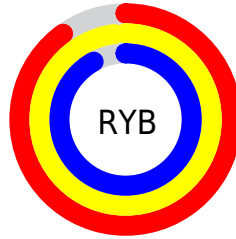
The CIELCh color **97, 9.851, 119.950** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 10.018, 300.896**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 9.811, 120.421** is the 20% darker color. If you saturate the color by 10%, you get **96, 22.725, 119.331**, and if you desaturate by 10%, it is **98, 3.059, 300.544**.

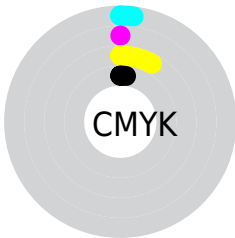
Distribution



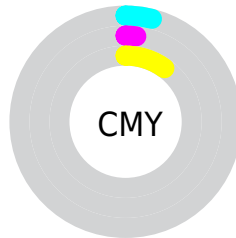
- Red (96%)
- Green (98%)
- Blue (90%)



- Red (90%)
- Yellow (98%)
- Blue (92%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)



- Cyan (4%)
- Magenta (2%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 9.851, 119.950 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 97, 9.851, 119.950 by changing the saturation by 10% instead.

 97, 9.851, 119.950

 97, 9.851, 119.950

 100, 9.851,
119.950

 87, 9.851, 119.950

 77, 9.851, 119.950

 67, 9.851, 119.950

 57, 9.851, 119.950

 47, 9.851, 119.950

 37, 9.851, 119.950

 27, 9.851, 119.950

 17, 9.851, 119.950

 7, 9.851, 119.950

97, 9.851, 119.950

97, 9.851, 119.950

96, 22.725,
119.331

98, 3.059, 300.544

98, 3.920, 324.499

95, 35.465,
118.702

94, 47.941,
118.090

93, 59.950,
117.533

93, 71.191,
117.081

92, 81.229,
116.811

92, 89.497,
116.822

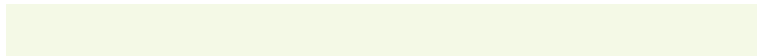
91, 95.421,
117.222

■ 91, 98.767,
118.074

Harmonies

Complementary

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



97, 9.851, 119.950



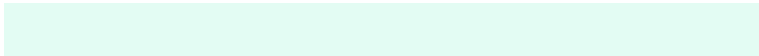
92, 10.018, 300.896

Rectangle

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



97, 9.851, 119.950



97, 9.851, 169.950



97, 9.851, 299.950



97, 9.851, 349.950

Sweetspot

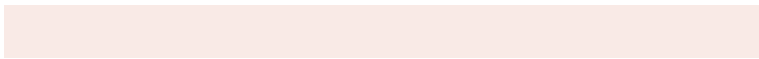
The Sweet Spot groups the original color and five complimentary colors.



97, 9.853, 119.957



100, 2.624, 120.313



94, 5.684, 44.978



53, 1.492, 120.320



0, 0.000, 0.000



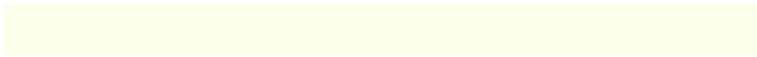
53, 0.007, 296.813

Same Dimension

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



97, 9.853, 119.957



99, 11.846, 119.872



96, 10.996, 136.978



52, 7.360, 119.842



71, 80.642, 118.079



23, 35.453, 116.917

Inverse Universe

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



92, 10.018, 300.896



93, 12.072, 300.989



93, 11.064, 317.601



48, 7.507, 301.023



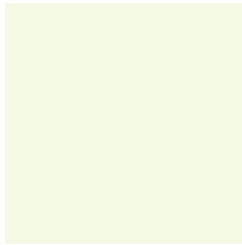
25, 104.191, 307.870



4, 42.734, 306.355

Previews

White Background



This preview shows how the CIE LCh color 97, 9.851, 119.950 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 97, 9.851, 119.950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

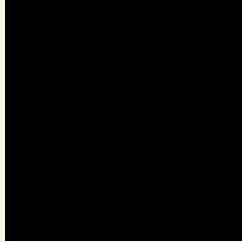
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

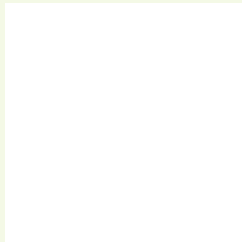
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 9.851, 119.950

Background



This preview shows how black text looks on a background with the CIELCh color 97, 9.851, 119.950.




This preview shows how white text looks on a background with the CIELCh color 97, 9.851, 119.950.

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](#).

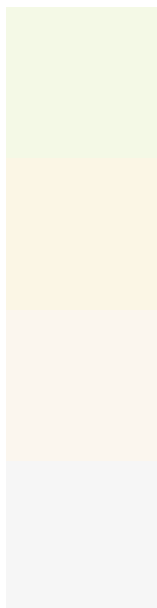
Dichromacy





Tritanopia
97, 5.242, 302.017

Trichromacy



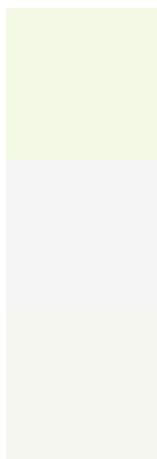
Original Color
97, 9.851, 119.950

Protanomaly
97, 8.835, 97.671

Deuteranomaly
97, 4.431, 86.076

Tritanomaly
97, 0.011, 296.813

Monochromacy



Original Color
97, 9.851, 119.950

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 3.585, 115.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 9.851, 119.950 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(244, 249, 230)` looks like.

```
.text, #text, p{  
    color:rgb(244, 249, 230)  
}
```

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(244, 249, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 249, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 9.851, 119.950 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(244, 249, 230) }
```

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

```
.border{ border-color:rgb(244, 249, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 249, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 249, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 249, 230);  
box-shadow:4px 4px 4px 4px rgb(244, 249,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 9.851, 119.950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 249, 230) }
```

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

```
.background{ background-color: rgb(244,  
249, 230) }
```

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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