

Converting Colors

CIELCh(97, 13.810, 115.184)

Have a look what the booklet for
CIELCh(97, 13.810, 115.184)
contains.

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Color

CIELCh(97, 13.818, 115.174)

Conversions

Conversions Part 1

Format	Color
Hex	F5F9DE
RGB	245, 249, 222
RGB Percent	96%, 98%, 87%
CMY	0.0392, 0.0235, 0.1294
CMYK	0.02, 0.00, 0.11, 0.02
HSL	69°, 69%, 92%
HSV	69°, 11%, 98%
XYZ	84.7191, 92.4403, 82.4874
YIQ	244.7260, 6.2830, -9.2450

Conversions

Conversions Part 2

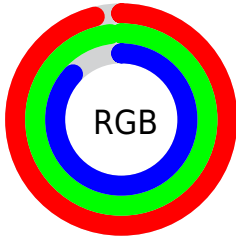
Format	Color
RYB	222, 249, 226
Decimal	16120286
CIELab	97.00, -5.88, 12.51
CIELCh	97, 13.818, 115.174
Yxy	92.4403, 0.3263, 0.3560
Android (android.graphics.Color)	4294310366 (0xFFFF5F9DE)
YUV	244.7260, -11.2039, 0.2403
Hunter-Lab	96.1459, -10.9697, 16.4349

Details

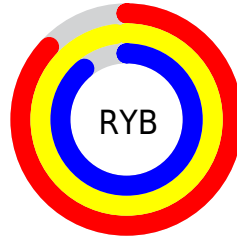
The CIELCh color **97, 13.818, 115.174** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 14.161, 296.862**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 13.960, 115.222** is the 20% darker color. If you saturate the color by 10%, you get **96, 26.487, 114.418**, and if you desaturate by 10%, it is **98, 1.067, 115.921**.

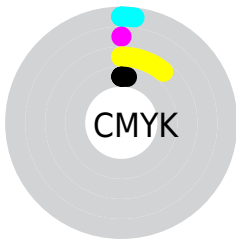
Distribution



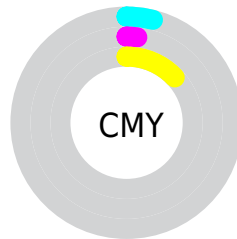
- Red (96%)
- Green (98%)
- Blue (87%)



- Red (87%)
- Yellow (98%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (2%)





- Cyan (4%)
- Magenta (2%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 13.818, 115.174 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, 13.818, 115.174 by changing the saturation by 10% instead.


 97, 13.818,
115.174


 97, 13.818,
115.174


 100, 13.818,
115.174


 87, 13.818,
115.174

 77, 13.818,
115.174

 67, 13.818,
115.174

 57, 13.818,
115.174

 47, 13.818,
115.174

 37, 13.818,
115.174

 27, 13.818,

115.174

■ 17, 13.818,
115.174

■ 7, 13.818, 115.174

■ 97, 13.818,
115.174

■ 97, 13.818,
115.174

■ 96, 26.487,
114.418

■ 98, 1.067, 115.921

■ 96, 38.967,
113.660

■ 98, 3.297, 311.333

■ 99, 3.730, 324.489

■ 95, 51.109,
112.929

■ 94, 62.680,
112.262

■ 94, 73.331,
111.708

■ 93, 82.570,
111.335

■ 93, 89.794,
111.224

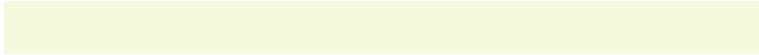
■ 93, 94.480,
111.453

■ 92, 96.659,
111.954

Harmonies

Complementary

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



97, 13.818, 115.174



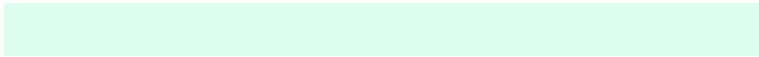
90, 14.161, 296.862

Rectangle

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



97, 13.818, 115.174



97, 13.818, 165.174



97, 13.818, 295.174



97, 13.818, 345.174

Sweetspot

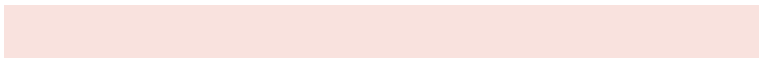
The Sweet Spot groups the original color and five complimentary colors.



97, 13.820, 115.180



100, 3.894, 115.768



92, 8.762, 32.122



53, 2.953, 115.708



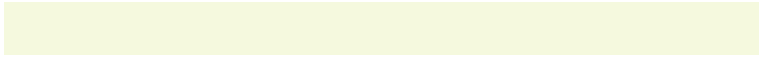
0, 0.000, 0.000



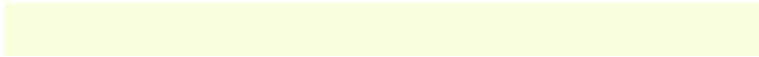
53, 0.007, 296.813

Same Dimension

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



97, 13.820, 115.180



99, 16.883, 115.016



96, 15.141, 133.134



52, 7.266, 115.282



72, 78.442, 111.808



24, 34.710, 111.137

Inverse Universe

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



90, 14.161, 296.862



90, 17.379, 297.054



91, 15.309, 314.030



48, 7.425, 296.746



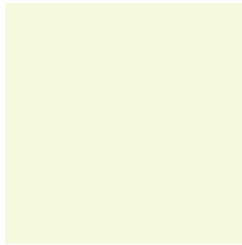
23, 105.721, 306.869



4, 42.434, 303.924

Previews

White Background



This preview shows how the CIELCh color 97, 13.818, 115.174 looks on a white background.

Color Contrast Check

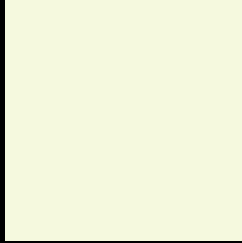
Large Text (above 18pt) WCAG AA × Fail

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, 13.818, 115.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

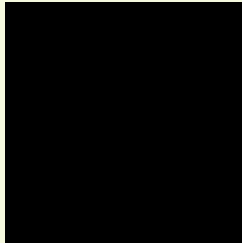
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

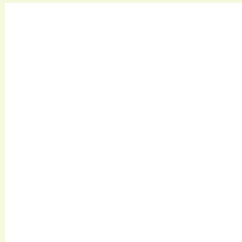
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 13.818, 115.174

Background



This preview shows how black text looks on a background with the CIELCh color 97, 13.818, 115.174.

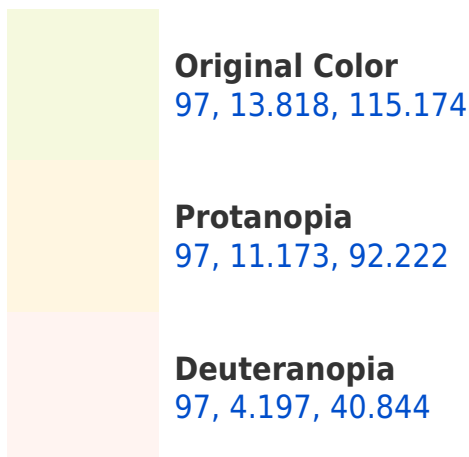



This preview shows how white text looks on a background with the CIELCh color 97, 13.818, 115.174.

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](#).

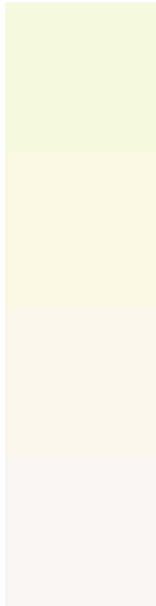
Dichromacy





Tritanopia
97, 5.326, 305.676

Trichromacy



Original Color
97, 13.818, 115.174

Protanomaly
97, 11.789, 102.157

Deuteranomaly
97, 6.356, 93.269

Tritanomaly
97, 1.670, 84.962

Monochromacy



Original Color
97, 13.818, 115.174

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 4.602, 114.247

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 13.818, 115.174 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, 249, 222)` looks like.

```
.text, #text, p{  
    color:rgb(245, 249, 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(245, 249, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 249, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 13.818, 115.174 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, 249, 222) }
```

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

```
.border{ border-color:rgb(245, 249, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 249, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 249, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 249, 222);  
box-shadow:4px 4px 4px 4px rgb(245, 249,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 13.818, 115.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 249, 222) }
```

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

```
.background{ background-color: rgb(245,  
249, 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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