

Converting Colors

CIELCh(97, 28.898, 124.187)

Have a look what the booklet for
CIELCh(97, 28.898, 124.187)
contains.

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Color

CIElCh(97, 28.939, 123.716)

Conversions

Conversions Part 1

Format	Color
Hex	E9FEC7
RGB	233, 254, 199
RGB Percent	91%, 100%, 78%
CMY	0.0858, 0.0034, 0.2191
CMYK	0.08, 0.00, 0.22, 0.00
HSL	83°, 97%, 89%
HSV	83°, 22%, 100%
XYZ	79.4523, 92.4403, 67.7640
YIQ	241.4510, 5.1390, -21.5570

Conversions

Conversions Part 2

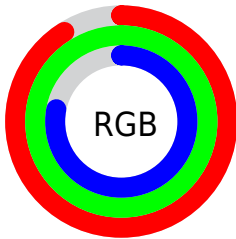
Format	Color
RYB	199, 254, 220
Decimal	15335111
CIELab	97.00, -16.06, 24.07
CIELCh	97, 28.939, 123.716
Yxy	92.4403, 0.3315, 0.3857
Android (android.graphics.Color)	4293525191 (0xFFE9FEC7)
YUV	241.4510, -20.9283, -7.4115
Hunter-Lab	96.1459, -20.7478, 25.5143

Details

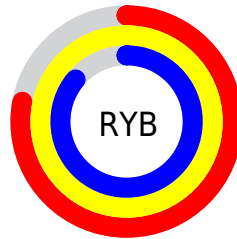
The CIELCh color **97, 28.939, 123.716** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 30.053, 306.060**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 28.679, 123.590** is the 20% darker color. If you saturate the color by 10%, you get **96, 42.140, 123.184**, and if you desaturate by 10%, it is **98, 15.587, 124.252**.

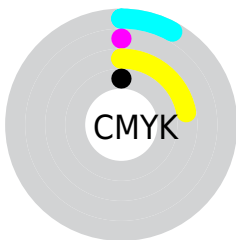
Distribution



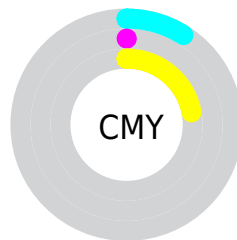
- Red (91%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (86%)



- Cyan (8%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 28.939, 123.716 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, 28.939, 123.716 by changing the saturation by 10% instead.

 97, 28.939,
123.716


 97, 28.939,
123.716


 100, 28.939,
123.716


 87, 28.939,
123.716

 77, 28.939,
123.716

 67, 28.939,
123.716

 57, 28.939,
123.716

 47, 28.939,
123.716

 37, 28.939,
123.716

 27, 28.939,

123.716

■ 17, 28.939,
123.716

■ 7, 28.939, 123.716

■ 97, 28.939,
123.716

■ 97, 28.939,
123.716

■ 96, 42.140,
123.184

■ 98, 15.587,
124.252

■ 95, 55.021,
122.676

■ 99, 2.191, 124.801

■ 94, 67.340,
122.238

100, 0.546,
323.894

■ 93, 78.740,
121.938

■ 92, 88.725,
121.872

■ 92, 96.695,
122.165

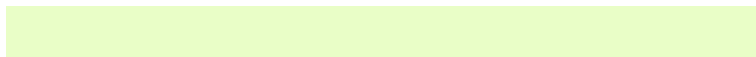
■ 91, 102.146,
122.929

■ 91, 104.908,
123.907

Harmonies

Complementary

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



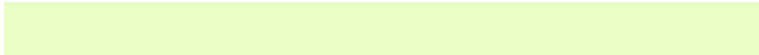
97, 28.939, 123.716



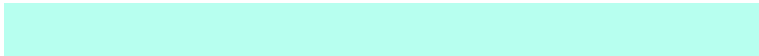
84, 30.053, 306.060

Rectangle

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



97, 28.939, 123.716



97, 28.939, 173.716



97, 28.939, 303.716



97, 28.939, 353.716

Sweetspot

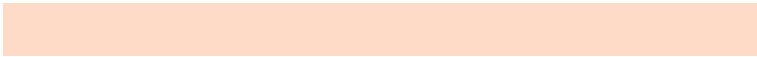
The Sweet Spot groups the original color and five complimentary colors.



97, 28.941, 123.719



99, 8.046, 124.550



90, 16.971, 57.838



53, 5.338, 124.515



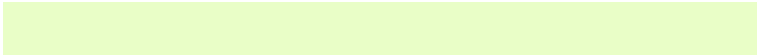
0, 0.000, 0.000



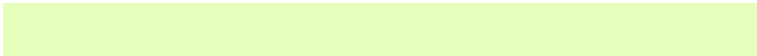
53, 0.007, 296.813

Same Dimension

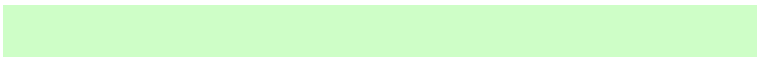
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 28.941, 123.719



97, 34.812, 123.485



95, 33.045, 139.583



53, 7.630, 124.365



70, 84.531, 123.631



24, 37.786, 122.099

Inverse Universe

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



84, 30.053, 306.060



81, 36.449, 306.343



86, 33.265, 321.785



49, 7.761, 305.332



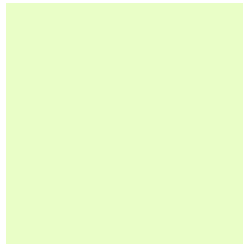
27, 103.047, 309.526



5, 44.878, 309.723

Previews

White Background



This preview shows how the CIE LCh color 97, 28.939, 123.716 looks on a white background.

Color Contrast Check

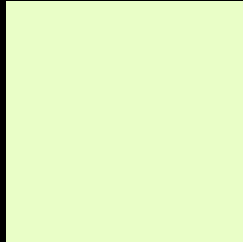
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 97, 28.939, 123.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

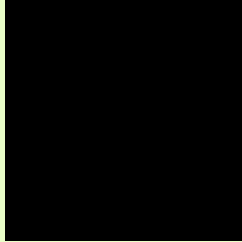
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

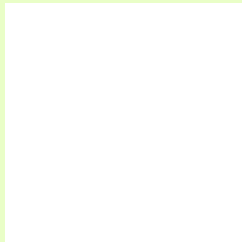
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 28.939, 123.716

Background



This preview shows how black text looks on a background with the CIELCh color 97, 28.939, 123.716.

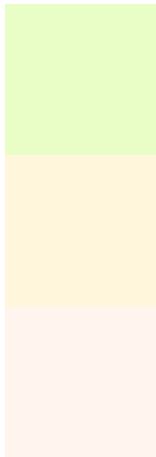


This preview shows how white text looks on a background with the CIELCh color 97, 28.939, 123.716.

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
97, 28.939, 123.716

Protanopia
97, 14.129, 95.524

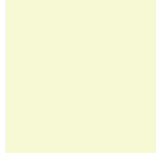
Deuteranopia
97, 4.969, 57.434

Tritanopia
97, 4.650, 282.004

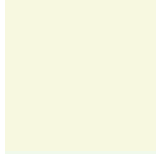
Trichromacy



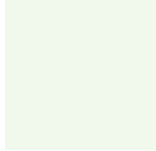
Original Color
97, 28.939, 123.716



Protanomaly
97, 18.811, 110.985

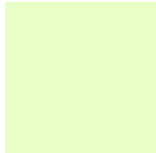


Deuteranomaly
97, 12.220, 110.941

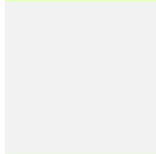


Tritanomaly
97, 7.850, 133.687

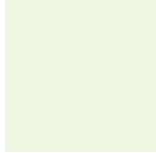
Monochromacy



Original Color
97, 28.939, 123.716



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 10.535, 123.244

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 28.939, 123.716 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(233, 254, 199)` looks like.

```
.text, #text, p{  
    color:rgb(233, 254, 199)  
}
```

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(233, 254, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 254, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 28.939, 123.716 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(233, 254, 199) }
```

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

```
.border{ border-color:rgb(233, 254, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 254, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 254, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 254, 199);  
box-shadow:4px 4px 4px 4px rgb(233, 254,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 28.939, 123.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 254, 199) }
```

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

```
.background{ background-color: rgb(233,  
254, 199) }
```

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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