

Converting Colors

CIELCh(100, 10.890, 91.349)

Have a look what the booklet for
CIELCh(100, 10.890, 91.349)
contains.

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Color

CIELCh(99, 10.134, 107.371)

Conversions

Conversions Part 1

Format	Color
Hex	FEFDE9
RGB	254, 253, 233
RGB Percent	100%, 99%, 91%
CMY	0.0029, 0.0068, 0.0852
CMYK	0.00, 0.00, 0.08, 0.00
HSL	57°, 93%, 96%
HSV	57°, 8%, 100%
XYZ	90.9245, 97.4360, 91.3110
YIQ	251.0190, 7.0160, -6.0080

Conversions

Conversions Part 2

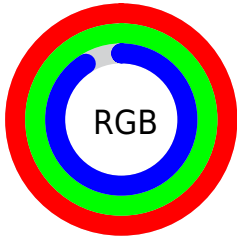
Format	Color
RYB	234, 254, 233
Decimal	16711145
CIELab	99.00, -3.03, 9.67
CIELCh	99, 10.134, 107.371
Yxy	97.4360, 0.3251, 0.3484
Android (android.graphics.Color)	4294901225 (0xFFFEFDE9)
YUV	251.0190, -8.8834, 2.6143
Hunter-Lab	98.7097, -8.3201, 14.2508

Details

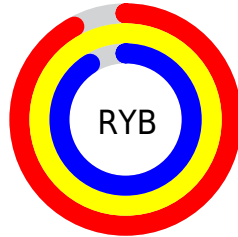
The CIELCh color 99, 10.134, 107.371 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93, 10.321, 289.109, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 10.108, 107.088 is the 20% darker color. If you saturate the color by 10%, you get 98, 22.392, 106.365, and if you desaturate by 10%, it is 100, 0.287, 275.696.

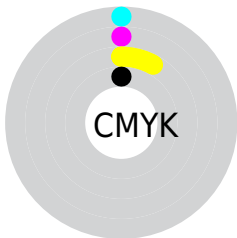
Distribution



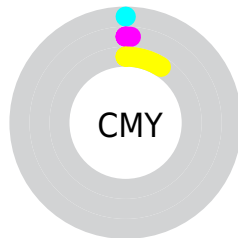
- Red (100%)
- Green (99%)
- Blue (91%)



- Red (92%)
- Yellow (100%)
- Blue (91%)



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





- Cyan (0%)
- Magenta (1%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 99, 10.134, 107.371 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 99, 10.134, 107.371 by changing the saturation by 10% instead.


 99, 10.134,
107.371


 99, 10.134,
107.371


 100, 10.134,
107.371


 89, 10.134,
107.371

 79, 10.134,
107.371

 69, 10.134,
107.371

 59, 10.134,
107.371

 49, 10.134,
107.371

 39, 10.134,
107.371

 29, 10.134,

107.371

■ 19, 10.134,
107.371

■ 9, 10.134, 107.371

■ 99, 10.134,
107.371

■ 99, 10.134,
107.371

■ 98, 22.392,
106.365

■ 100, 0.287,
275.696

■ 97, 34.531,
105.338

■ 100, 0.256,
201.981

■ 97, 46.427,
104.320

■ 96, 57.880,
103.331

■ 96, 68.572,
102.397

■ 95, 78.032,
101.548

■ 95, 85.634,
100.815

■ 94, 90.733,
100.225

■ 94, 93.078, 99.776

Harmonies

Complementary

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



99, 10.134, 107.371



93, 10.321, 289.109

Rectangle

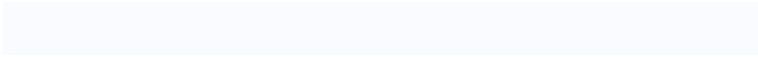
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 10.134, 107.371



99, 10.134, 157.371



99, 10.134, 287.371



99, 10.134, 337.371

Sweetspot

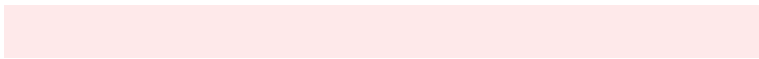
The Sweet Spot groups the original color and five complimentary colors.



99, 10.136, 107.381



100, 2.454, 107.981



94, 7.581, 15.784



53, 1.395, 107.988



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



99, 10.136, 107.381



99, 12.309, 107.206



99, 11.201, 126.930



53, 6.998, 107.256



73, 75.394, 99.761



25, 34.232, 100.326

Inverse Universe

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



93, 10.321, 289.109



92, 12.574, 289.309



94, 11.355, 307.684



49, 7.142, 289.251



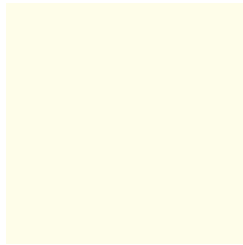
24, 105.670, 305.743



4, 42.625, 300.957

Previews

White Background



This preview shows how the CIE LCh color 99, 10.134, 107.371 looks on a white background.

Color Contrast Check

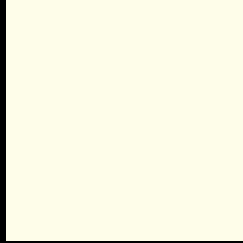
Large Text (above 18pt) WCAG AA × Fail

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 99, 10.134, 107.371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

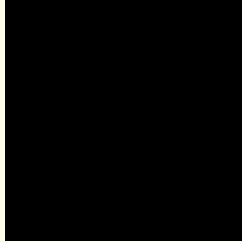
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 10.134, 107.371

Background



This preview shows how black text looks on a background with the CIELCh color 99, 10.134, 107.371.



This preview shows how white text looks on a background with the CIELCh color 99, 10.134, 107.371.

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
99, 10.141, 107.368

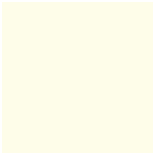


Protanopia
99, 3.207, 90.598

Deuteranopia
99, 1.406, 19.030

Tritanopia
99, 2.171, 309.072

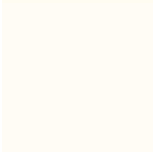
Trichromacy



Original Color
99, 10.141, 107.368



Protanomaly
99, 5.669, 98.867

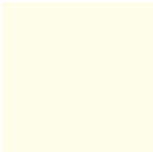


Deuteranomaly
99, 3.691, 93.151



Tritanomaly
99, 2.551, 102.009

Monochromacy



Original Color
99, 10.141, 107.368



Achromatopsia
99, 0.012, 296.813



Achromatomaly
99, 3.547, 109.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 10.134, 107.371 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(254, 253, 233)` looks like.

```
.text, #text, p{  
    color:rgb(254, 253, 233)  
}
```

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(254, 253, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 253, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 10.134, 107.371 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(254, 253, 233) }
```

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

```
.border{ border-color:rgb(254, 253, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 253, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 253, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 253, 233);  
box-shadow:4px 4px 4px 4px rgb(254, 253,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 10.134, 107.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 253, 233) }
```

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

```
.background{ background-color: rgb(254,  
253, 233) }
```

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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