

Converting Colors

CIE LCh(99, 9.154, 116.358)

Have a look what the booklet for
CIELCh(99, 9.154, 116.358) contains.

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Color

CIELCh(99, 9.195, 116.194)

Conversions

Conversions Part 1

Format	Color
Hex	FBFEEC
RGB	251, 254, 236
RGB Percent	98%, 100%, 93%
CMY	0.0157, 0.0040, 0.0746
CMYK	0.01, 0.00, 0.07, 0.00
HSL	70°, 90%, 96%
HSV	70°, 7%, 100%
XYZ	90.3537, 97.4360, 93.3906
YIQ	251.0510, 3.9900, -6.2340

Conversions

Conversions Part 2

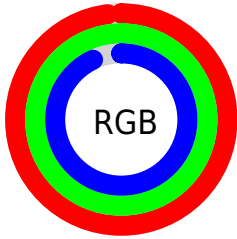
Format	Color
R_{YB}	236, 254, 239
Decimal	16514796
CIE Lab	99.00, -4.06, 8.25
CIE LCh	99, 9.195, 116.194
Yxy	97.4360, 0.3213, 0.3465
Android (android.graphics.Color)	4294704876 (0xFFFBFEEC)
YUV	251.0510, -7.4201, -0.0447
Hunter-Lab	98.7097, -9.3524, 13.0017

Details

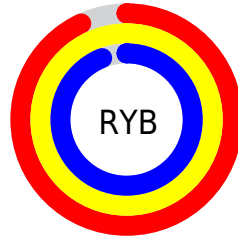
The CIELCh color 99, 9.195, 116.194 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94, 9.354, 297.248, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 9.118, 116.482 is the 20% darker color. If you saturate the color by 10%, you get 98, 22.135, 115.468, and if you desaturate by 10%, it is 100, 0.635, 323.977.

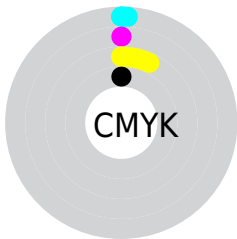
Distribution



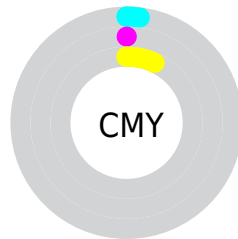
- Red (98%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (94%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 9.195, 116.194 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, 9.195, 116.194 by changing the saturation by 10% instead.

 99, 9.195, 116.194

 99, 9.195, 116.194

 100, 9.195,
116.194

 89, 9.195, 116.194

 79, 9.195, 116.194

 69, 9.195, 116.194

 59, 9.195, 116.194

 49, 9.195, 116.194

 39, 9.195, 116.194

 29, 9.195, 116.194

 19, 9.195, 116.194

 9, 9.195, 116.194

99, 9.195, 116.194

99, 9.195, 116.194

98, 22.135,
115.468

100, 0.635,
323.977

97, 34.928,
114.728

97, 47.444,
114.007


96, 59.482,
113.335

95, 70.735,
112.758

95, 80.759,
112.340

95, 88.972,
112.163

94, 94.777,
112.313

 94, 97.890,
112.846

Harmonies

Complementary

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



99, 9.195, 116.194



94, 9.354, 297.248

Rectangle

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



99, 9.195, 116.194



99, 9.195, 166.194



99, 9.195, 296.194



99, 9.195, 346.194

Sweetspot

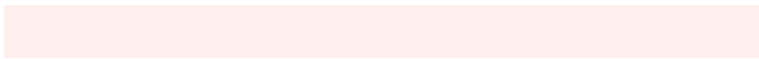
The Sweet Spot groups the original color and five complimentary colors.



99, 9.197, 116.203



100, 2.596, 116.571



96, 5.593, 35.538



53, 1.476, 116.578



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, 9.197, 116.203



99, 11.715, 116.063



98, 10.131, 134.390



53, 7.400, 116.026



73, 79.524, 112.881



25, 35.978, 112.025

Inverse Universe

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



94, 9.354, 297.248



93, 11.956, 297.402



95, 10.210, 314.945



49, 7.560, 297.443



24, 106.591, 306.987



4, 44.493, 304.924

Previews

White Background



This preview shows how the CIELCh color 99, 9.195, 116.194 looks on a white background.

Color Contrast Check

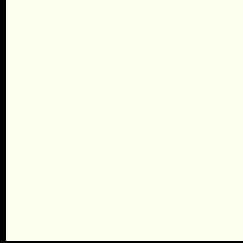
Large Text (above 18pt) WCAG AA × Fail

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, 9.195, 116.194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

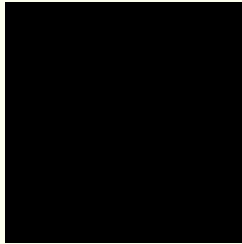
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 9.195, 116.194

Background



This preview shows how black text looks on a background with the CIELCh color 99, 9.195, 116.194.



This preview shows how white text looks on a background with the CIELCh color 99, 9.195, 116.194.

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, 9.195, 116.194



Protanopia

99, 3.207, 90.598

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.581, 303.066

Trichromacy



Original Color

99, 9.195, 116.194

Protanomaly

99, 5.582, 106.091

Deuteranomaly

99, 3.112, 96.790

Tritanomaly

99, 2.557, 117.866

Monochromacy



Original Color

99, 9.195, 116.194



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 3.063, 116.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 9.195, 116.194 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(251, 254, 236)` looks like.

```
.text, #text, p{  
    color:rgb(251, 254, 236)  
}
```

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(251, 254, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 254, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 9.195, 116.194 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(251, 254, 236) }
```

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

```
.border{ border-color:rgb(251, 254, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 254, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 254, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 254, 236);  
box-shadow:4px 4px 4px 4px rgb(251, 254,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 9.195, 116.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 254, 236) }
```

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

```
.background{ background-color: rgb(251,  
254, 236) }
```

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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