

Converting Colors

CIE LCh(99, 4.228, 135.132)

Have a look what the booklet for
CIELCh(99, 4.228, 135.132) contains.

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Color

CIELCh(99, 4.438, 133.225)

Conversions

Conversions Part 1

Format	Color
Hex	F9FEF6
RGB	249, 254, 246
RGB Percent	98%, 100%, 96%
CMY	0.0246, 0.0050, 0.0364
CMYK	0.02, 0.00, 0.03, 0.00
HSL	98°, 76%, 98%
HSV	98°, 3%, 100%
XYZ	90.9169, 97.4360, 100.9845
YIQ	251.5930, -0.4120, -3.5480

Conversions

Conversions Part 2

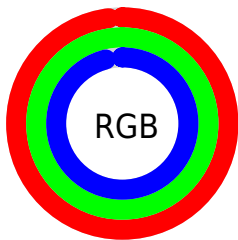
Format	Color
R_{YB}	246, 254, 251
Decimal	16383734
CIE Lab	99.00, -3.04, 3.23
CIE LCh	99, 4.438, 133.225
Yxy	97.4360, 0.3142, 0.3368
Android (android.graphics.Color)	4294573814 (0xFF9FEF6)
YUV	251.5930, -2.7573, -2.2741
Hunter-Lab	98.7097, -8.3340, 8.4404

Details

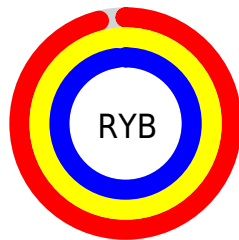
The CIELCh color 99, 4.438, 133.225 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 4.475, 313.408, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 4.020, 131.413 is the 20% darker color. If you saturate the color by 10%, you get 97, 18.620, 132.759, and if you desaturate by 10%, it is 100, 0.797, 324.081.

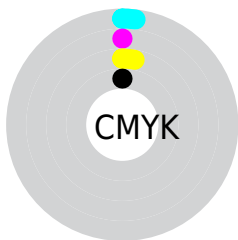
Distribution



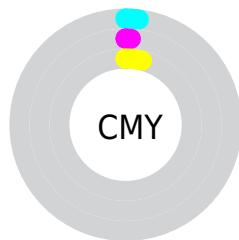
- Red (98%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (100%)
- Blue (98%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (2%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 4.438, 133.225 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, 4.438, 133.225 by changing the saturation by 10% instead.

 99, 4.438, 133.225

 99, 4.438, 133.225

 100, 4.438,
133.225

 89, 4.438, 133.225

 79, 4.438, 133.225

 69, 4.438, 133.225

 59, 4.438, 133.225

 49, 4.438, 133.225

 39, 4.438, 133.225

 29, 4.438, 133.225

 19, 4.438, 133.225

 9, 4.438, 133.225

99, 4.438, 133.225

99, 4.438, 133.225

97, 18.620,
132.759

100, 0.797,
324.081

96, 32.816,
132.275

94, 46.887,
131.766

93, 60.633,
131.254

92, 73.770,
130.784

91, 85.897,
130.427

90, 96.478,
130.291

89, 104.890,
130.509

■ 89, 110.641,
131.191

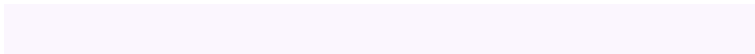
Harmonies

Complementary

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



99, 4.438, 133.225



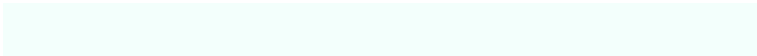
97, 4.475, 313.408

Rectangle

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



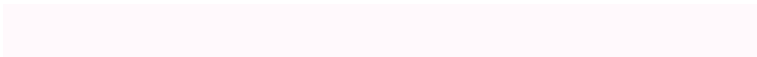
99, 4.438, 133.225



99, 4.438, 183.225



99, 4.438, 313.225



99, 4.438, 3.225

Sweetspot

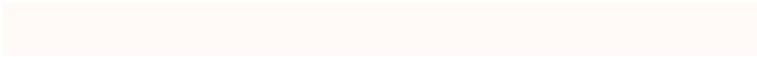
The Sweet Spot groups the original color and five complimentary colors.



99, 4.441, 133.232



100, 1.405, 133.414



99, 2.714, 86.399



53, 0.798, 133.423



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, 4.441, 133.232



99, 5.660, 133.188



99, 4.581, 147.671



53, 4.025, 133.150



69, 91.263, 131.622



23, 40.529, 130.292

Inverse Universe

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



97, 4.475, 313.408



97, 5.702, 313.452



98, 4.602, 327.894



51, 4.055, 313.489



33, 97.888, 315.089



7, 44.554, 316.380

Previews

White Background



This preview shows how the CIE LCh color 99, 4.438, 133.225 looks on a white background.

Color Contrast Check

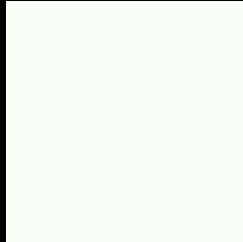
Large Text (above 18pt) WCAG AA × Fail

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, 4.438, 133.225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

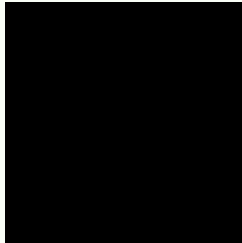
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 4.438, 133.225

Background



This preview shows how black text looks on a background with the CIELCh color 99, 4.438, 133.225.



This preview shows how white text looks on a background with the CIELCh color 99, 4.438, 133.225.

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, 4.438, 133.225

Protanopia

99, 2.272, 82.227

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 4.438, 133.225

Protanomaly

99, 3.036, 109.925

Deuteranomaly

99, 1.061, 90.708

Tritanomaly

99, 0.862, 164.148

Monochromacy



Original Color

99, 4.438, 133.225

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.677, 134.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 4.438, 133.225 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(249, 254, 246)` looks like.

```
.text, #text, p{  
    color:rgb(249, 254, 246)  
}
```

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(249, 254, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 254, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 4.438, 133.225 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(249, 254, 246) }
```

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

```
.border{ border-color:rgb(249, 254, 246) }
```

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

Here you see how a box with a 4 pixel rgb(249, 254, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 254, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 254, 246);  
box-shadow:4px 4px 4px 4px rgb(249, 254,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 4.438, 133.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 254, 246) }
```

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

```
.background{ background-color: rgb(249,  
254, 246) }
```

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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