

Converting Colors

CIELCh(99, 3.496, 160.946)

Have a look what the booklet for
CIELCh(99, 3.496, 160.946) contains.

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Color

CIELCh(99, 3.471, 163.532)

Conversions

Conversions Part 1

Format	Color
Hex	F6FEFA
RGB	246, 254, 250
RGB Percent	96%, 100%, 98%
CMY	0.0350, 0.0036, 0.0193
CMYK	0.03, 0.00, 0.02, 0.00
HSL	150°, 81%, 98%
HSV	150°, 3%, 100%
XYZ	90.7569, 97.4360, 104.5196
YIQ	251.1520, -3.4840, -2.9400

Conversions

Conversions Part 2

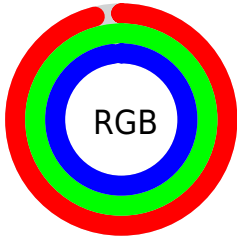
Format	Color
R _Y B	246, 251, 254
Decimal	16187130
CIE Lab	99.00, -3.33, 0.98
CIE LCh	99, 3.471, 163.532
Yxy	97.4360, 0.3101, 0.3329
Android (android.graphics.Color)	4294377210 (0xFF6FEFA)
YUV	251.1520, -0.5679, -4.5183
Hunter-Lab	98.7097, -8.6233, 6.3170

Details

The CIELCh color 99, 3.471, 163.532 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 3.502, 343.758, 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, 3.034, 167.525 is the 20% darker color. If you saturate the color by 10%, you get 97, 14.536, 162.539, and if you desaturate by 10%, it is 100, 0.586, 323.934.

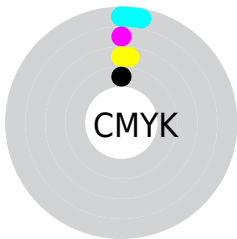
Distribution



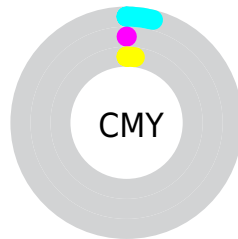
- Red (96%)
- Green (100%)
- Blue (98%)



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



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



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 3.471, 163.532 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, 3.471, 163.532 by changing the saturation by 10% instead.

 99, 3.471, 163.532

 99, 3.471, 163.532

 100, 3.471,
163.532

 89, 3.471, 163.532

 79, 3.471, 163.532

 69, 3.471, 163.532

 59, 3.471, 163.532

 49, 3.471, 163.532

 39, 3.471, 163.532

 29, 3.471, 163.532

 19, 3.471, 163.532

 9, 3.471, 163.532

99, 3.471, 163.532

99, 3.471, 163.532

97, 14.536,
162.539

100, 0.586,
323.934

95, 25.519,
161.554

94, 36.266,
160.460


92, 46.599,
159.228

91, 56.323,
157.831

90, 65.254,
156.245

89, 73.241,
154.448

89, 80.198,
152.433

 88, 86.132,
150.217

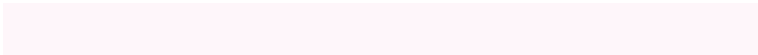
Harmonies

Complementary

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



99, 3.471, 163.532



98, 3.502, 343.758

Rectangle

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



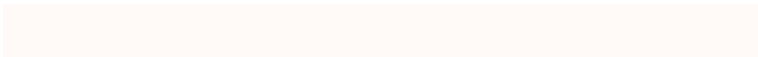
99, 3.471, 163.532



99, 3.471, 213.532



99, 3.471, 343.532



99, 3.471, 33.532

Sweetspot

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



99, 3.473, 163.518



100, 1.100, 163.998



99, 4.292, 128.376



53, 0.625, 164.025



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, 3.473, 163.518



99, 4.426, 163.418



99, 2.776, 198.065



53, 3.147, 163.337



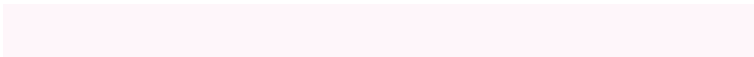
68, 71.831, 149.071



23, 30.978, 152.303

Inverse Universe

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



98, 3.502, 343.758



97, 4.462, 343.858



98, 2.832, 17.989



52, 3.174, 343.939



41, 68.249, 2.089



10, 31.871, 356.494

Previews

White Background



This preview shows how the CIE LCh color 99, 3.471, 163.532 looks on a white background.

Color Contrast Check

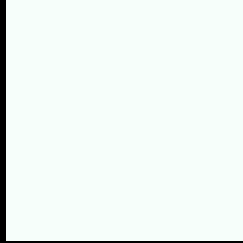
Large Text (above 18pt) WCAG AA × Fail

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, 3.471, 163.532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

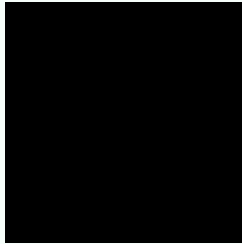
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 3.471, 163.532

Background



This preview shows how black text looks on a background with the CIELCh color 99, 3.471, 163.532.



This preview shows how white text looks on a background with the CIELCh color 99, 3.471, 163.532.

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

A vertical bar on the left side of the page is divided into three colored sections: a light green top section, a light orange middle section, and a light pink bottom section. These sections correspond to the 'Original Color', 'Protanopia', and 'Deuteranopia' labels respectively.

Original Color

99, 3.471, 163.532

Protanopia

99, 1.487, 38.999

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 3.471, 163.532

Protanomaly

99, 1.005, 110.026

Deuteranomaly

99, 0.497, 109.986

Tritanomaly

99, 1.044, 199.970

Monochromacy



Original Color

99, 3.471, 163.532

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.165, 174.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 3.471, 163.532 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(246, 254, 250)` looks like.

```
.text, #text, p{  
    color:rgb(246, 254, 250)  
}
```

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(246, 254, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 254, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 3.471, 163.532 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(246, 254, 250) }
```

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

```
.border{ border-color:rgb(246, 254, 250) }
```

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

Here you see how a box with a 4 pixel rgb(246, 254, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 254, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 254, 250);  
box-shadow:4px 4px 4px 4px rgb(246, 254,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 3.471, 163.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 254, 250) }
```

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

```
.background{ background-color: rgb(246,  
254, 250) }
```

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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