

Converting Colors

CIELCh(100, 5.425, 159.160)

Have a look what the booklet for
CIELCh(100, 5.425, 159.160)
contains.

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Color

CIELCh(99, 3.756, 166.590)

Conversions

Conversions Part 1

Format	Color
Hex	F5FEFA
RGB	245, 254, 250
RGB Percent	96%, 100%, 98%
CMY	0.0381, 0.0028, 0.0185
CMYK	0.04, 0.00, 0.02, 0.00
HSL	153°, 86%, 98%
HSV	153°, 4%, 100%
XYZ	90.5773, 97.4360, 104.6991
YIQ	250.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

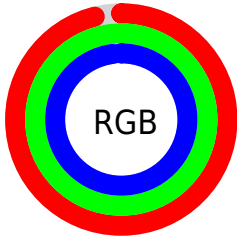
Format	Color
R_{YB}	245, 251, 254
Decimal	16121594
CIE Lab	99.00, -3.65, 0.87
CIE LCh	99, 3.756, 166.590
Yxy	97.4360, 0.3094, 0.3329
Android (android.graphics.Color)	4294311674 (0xFF5FEFA)
YUV	250.8530, -0.4205, -5.1331
Hunter-Lab	98.7097, -8.9481, 6.2092

Details

The CIELCh color 99, 3.756, 166.590 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 3.793, 346.915, 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, 3.348, 170.752 is the 20% darker color. If you saturate the color by 10%, you get 97, 14.383, 165.566, and if you desaturate by 10%, it is 100, 0.459, 323.783.

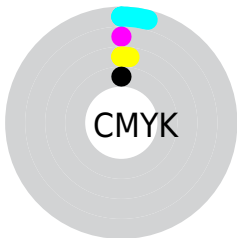
Distribution



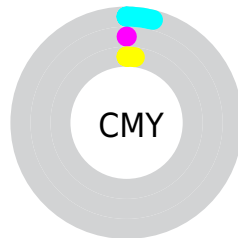
- Red (96%)
- Green (100%)
- Blue (98%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 3.756, 166.590 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, 3.756, 166.590 by changing the saturation by 10% instead.

 99, 3.756, 166.590

 99, 3.756, 166.590

 100, 3.756,
166.590

 89, 3.756, 166.590

 79, 3.756, 166.590

 69, 3.756, 166.590

 59, 3.756, 166.590

 49, 3.756, 166.590

 39, 3.756, 166.590

 29, 3.756, 166.590

 19, 3.756, 166.590

 9, 3.756, 166.590

99, 3.756, 166.590

99, 3.756, 166.590

97, 14.383,
165.566

100, 0.459,
323.783

95, 24.884,
164.548

94, 35.107,
163.426


92, 44.878,
162.173

91, 54.012,
160.761

90, 62.339,
159.164

89, 69.722,
157.359

89, 76.093,
155.337

 89, 81.480,
153.107

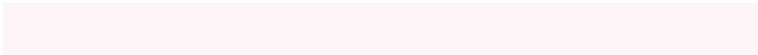
Harmonies

Complementary

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



99, 3.756, 166.590



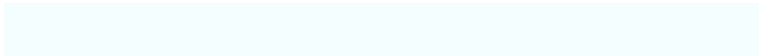
97, 3.793, 346.915

Rectangle

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



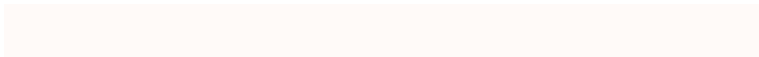
99, 3.756, 166.590



99, 3.756, 216.590



99, 3.756, 346.590



99, 3.756, 36.590

Sweetspot

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



99, 3.758, 166.575



100, 1.059, 167.141



99, 4.901, 130.680



53, 0.602, 167.170



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, 3.758, 166.575



99, 4.258, 166.520



99, 2.966, 203.873



53, 3.027, 166.435



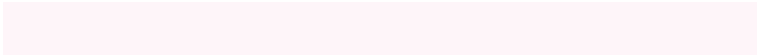
68, 67.680, 152.042



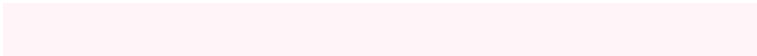
23, 29.290, 155.273

Inverse Universe

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



97, 3.793, 346.915



97, 4.299, 346.971



97, 3.034, 23.722



52, 3.058, 347.056



41, 68.006, 7.455



10, 31.459, 1.027

Previews

White Background



This preview shows how the CIE LCh color 99, 3.756, 166.590 looks on a white background.

Color Contrast Check

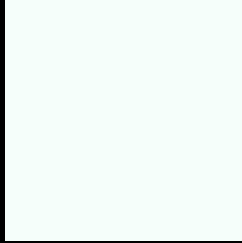
Large Text (above 18pt) WCAG AA × Fail

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, 3.756, 166.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

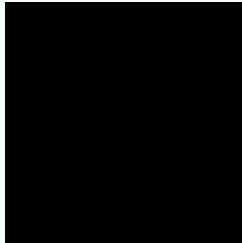
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 3.756, 166.590

Background



This preview shows how black text looks on a background with the CIELCh color 99, 3.756, 166.590.

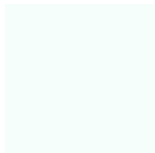


This preview shows how white text looks on a background with the CIELCh color 99, 3.756, 166.590.

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, 3.758, 166.589



Protanopia

99, 1.487, 38.999

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 3.758, 166.589

Protanomaly

99, 1.069, 129.166

Deuteranomaly

99, 0.611, 144.922

Tritanomaly

99, 1.044, 199.970

Monochromacy



Original Color

99, 3.758, 166.589



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, 3.756, 166.590 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(245, 254, 250)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 254, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 254, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 3.756, 166.590 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(245, 254, 250) }
```

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

```
.border{ border-color:rgb(245, 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(245, 254, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 254, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 254, 250);  
box-shadow:4px 4px 4px 4px rgb(245, 254,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 3.756, 166.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 254, 250) }
```

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

```
.background{ background-color: rgb(245,  
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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