

Converting Colors

CIELCh(100, 5.567, 172.800)

Have a look what the booklet for
CIELCh(100, 5.567, 172.800)
contains.

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Color

CIELCh(99, 3.959, 184.425)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F4FFFD |
| RGB | 244, 255, 253 |
| RGB Percent | 96%, 100%, 99% |
| CMY | 0.0449, 0.0018, 0.0097 |
| CMYK | 0.04, 0.00, 0.01, 0.00 |
| HSL | 169°, 92%, 98% |
| HSV | 169°, 4%, 100% |
| XYZ | 90.4152, 97.4360, 106.5823 |
| YIQ | 251.4830, -5.9140, -2.9540 |

Conversions

Conversions Part 2

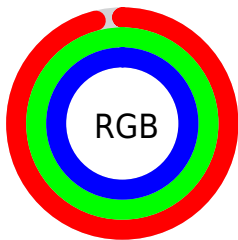
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 244, 250, 255 |
| Decimal | 16056317 |
| CIE Lab | 99.00, -3.95, -0.31 |
| CIE LCh | 99, 3.959, 184.425 |
| Yxy | 97.4360, 0.3071, 0.3309 |
| Android (android.graphics.Color) | 4294246397 (0xFFFF4FFFD) |
| YUV | 251.4830, 0.7479, -6.5626 |
| Hunter-Lab | 98.7097, -9.2411, 5.0781 |

Details

The CIELCh color 99, 3.959, 184.425 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 4.039, 4.862, 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, 3.801, 182.940 is the 20% darker color. If you saturate the color by 10%, you get 97, 12.947, 183.393, and if you desaturate by 10%, it is 100, 0.295, 323.403.

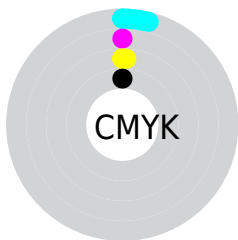
Distribution



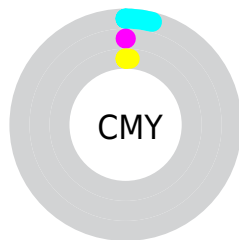
- Red (96%)
- Green (100%)
- Blue (99%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 3.959, 184.425 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, 3.959, 184.425 by changing the saturation by 10% instead.

 99, 3.959, 184.425

 99, 3.959, 184.425

 100, 3.959,
184.425

 89, 3.959, 184.425

 79, 3.959, 184.425

 69, 3.959, 184.425

 59, 3.959, 184.425

 49, 3.959, 184.425

 39, 3.959, 184.425

 29, 3.959, 184.425

 19, 3.959, 184.425

 9, 3.959, 184.425

99, 3.959, 184.425

99, 3.959, 184.425

97, 12.947,
183.393

100, 0.295,
323.403

96, 21.561,
182.431

94, 29.650,
181.428


93, 37.058,
180.360

92, 43.632,
179.210

91, 49.243,
177.955

91, 53.810,
176.571

90, 57.318,
175.035

 90, 59.844,
173.334

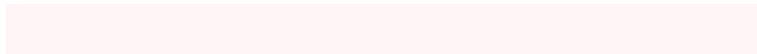
Harmonies

Complementary

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



99, 3.959, 184.425



97, 4.039, 4.862

Rectangle

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



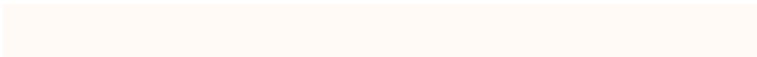
99, 3.959, 184.425



99, 3.959, 234.425



99, 3.959, 4.425



99, 3.959, 54.425

Sweetspot

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



99, 3.961, 184.401



100, 0.918, 185.210



99, 6.449, 139.150



53, 0.522, 185.250



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, 3.961, 184.401



99, 4.586, 184.320



98, 3.126, 234.152



53, 3.126, 184.242



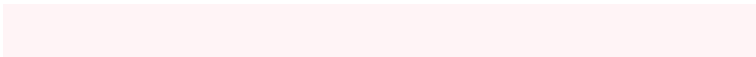
69, 48.978, 172.650



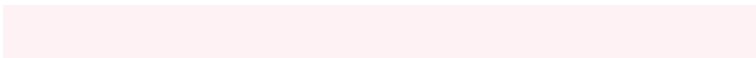
23, 21.921, 175.030

Inverse Universe

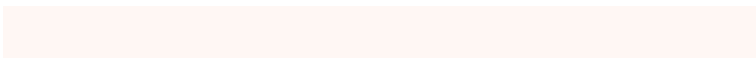
The Inverse Universe completely reimagines the original color for something new.



97, 4.039, 4.862



97, 4.688, 4.946



98, 3.187, 53.123



51, 3.204, 5.029



40, 75.838, 30.905



10, 32.090, 19.602

Previews

White Background



This preview shows how the CIE LCh color 99, 3.959, 184.425 looks on a white background.

Color Contrast Check

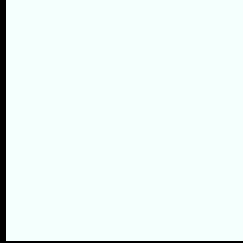
Large Text (above 18pt) WCAG AA × Fail

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, 3.959, 184.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

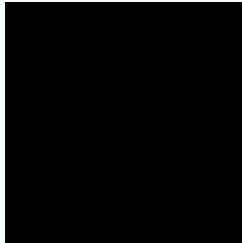
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 3.959, 184.425

Background



This preview shows how black text looks on a background with the CIELCh color 99, 3.959, 184.425.



This preview shows how white text looks on a background with the CIELCh color 99, 3.959, 184.425.

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 rectangular area divided into three colored sections: a light cyan top section, a light pink middle section, and a light yellow bottom section. To the right of each section is text describing the original color and its simulation for different types of dichromacy.

Original Color

99, 3.959, 184.425

Protanopia

99, 1.406, 19.030

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.571, 277.558

Trichromacy



Original Color

99, 3.959, 184.425

Protanomaly

99, 0.348, 201.271

Deuteranomaly

99, 0.348, 201.271

Tritanomaly

99, 1.804, 216.069

Monochromacy



Original Color

99, 3.959, 184.425



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.392, 199.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 3.959, 184.425 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(244, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 253)  
}
```

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(244, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 3.959, 184.425 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(244, 255, 253) }
```

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

```
.border{ border-color:rgb(244, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 3.959, 184.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 253) }
```

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

```
.background{ background-color: rgb(244,  
255, 253) }
```

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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