

Converting Colors

CIELCh(100, 7.226, 167.860)

Have a look what the booklet for
CIELCh(100, 7.226, 167.860)
contains.

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Color

CIELCh(99, 5.103, 181.791)

Conversions

Conversions Part 1

Format	Color
Hex	F1FFFC
RGB	241, 255, 252
RGB Percent	95%, 100%, 99%
CMY	0.0541, 0.0000, 0.0109
CMYK	0.05, 0.00, 0.01, 0.00
HSL	168°, 100%, 97%
HSV	168°, 5%, 100%
XYZ	89.7805, 97.4360, 106.3475
YIQ	250.4720, -7.3810, -3.9010

Conversions

Conversions Part 2

Format	Color
R _Y B	241, 249, 255
Decimal	15859708
CIE Lab	99.00, -5.10, -0.16
CIE LCh	99, 5.103, 181.791
Yxy	97.4360, 0.3058, 0.3319
Android (android.graphics.Color)	4294049788 (0xFFFF1FFFC)
YUV	250.4720, 0.7533, -8.3069
Hunter-Lab	98.7097, -10.3888, 5.2191

Details

The CIELCh color **99, 5.103, 181.791** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 5.111, 3.473**, and the grayscale version is **98, 0.012, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 5.004, 180.444** is the 20% darker color. If you saturate the color by 10%, you get **97, 14.058, 181.732**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

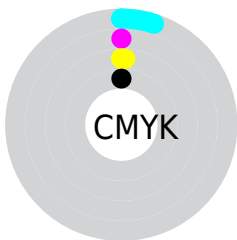
Distribution



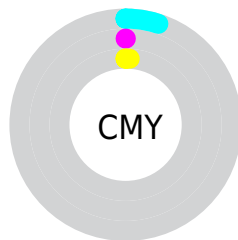
- Red (95%)
- Green (100%)
- Blue (99%)



- Red (95%)
- Yellow (98%)
- Blue (100%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 5.103, 181.791 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, 5.103, 181.791 by changing the saturation by 10% instead.

 99, 5.103, 181.791

 99, 5.103, 181.791

 100, 5.103,
181.791

 89, 5.103, 181.791

 79, 5.103, 181.791

 69, 5.103, 181.791

 59, 5.103, 181.791

 49, 5.103, 181.791

 39, 5.103, 181.791

 29, 5.103, 181.791

 19, 5.103, 181.791

 9, 5.103, 181.791

99, 5.103, 181.791

99, 5.103, 181.791

97, 14.058,
181.732

100, 0.012,
296.813

96, 22.748,
180.742

94, 30.918,
179.699


93, 38.406,
178.582

92, 45.061,
177.369

91, 50.754,
176.037

91, 55.407,
174.562

90, 59.010,
172.921

 90, 61.651,
171.105

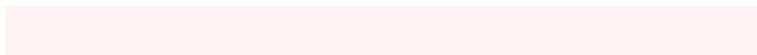
Harmonies

Complementary

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



99, 5.103, 181.791



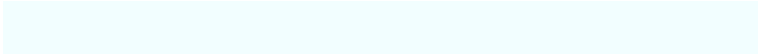
96, 5.111, 3.473

Rectangle

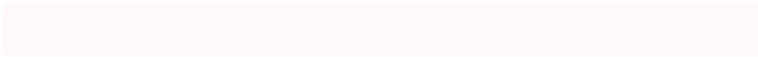
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



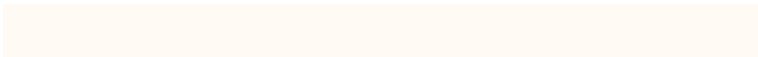
99, 5.103, 181.791



99, 5.103, 231.791



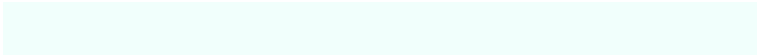
99, 5.103, 1.791



99, 5.103, 51.791

Sweetspot

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



99, 4.998, 182.734



100, 1.853, 183.246



99, 8.006, 138.100



53, 1.053, 183.272



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

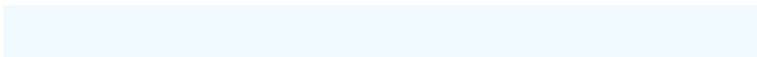
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 4.998, 182.734



99, 5.544, 182.668



98, 3.917, 230.002



53, 3.675, 182.599



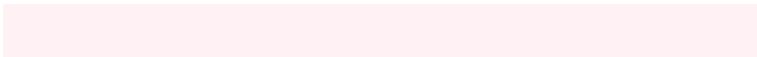
69, 50.237, 170.590



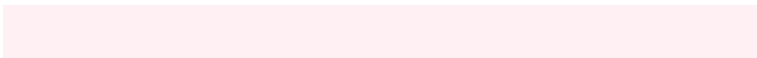
23, 22.409, 173.114

Inverse Universe

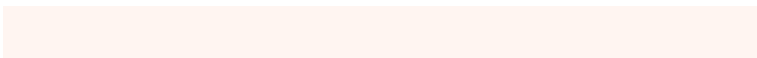
The Inverse Universe completely reimagines the original color for something new.



96, 5.111, 3.473



96, 5.681, 3.542



97, 4.029, 49.025



51, 3.775, 3.616



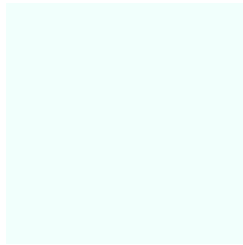
40, 74.845, 29.443



10, 31.972, 18.632

Previews

White Background



This preview shows how the CIE LCh color 99, 5.103, 181.791 looks on a white background.

Color Contrast Check

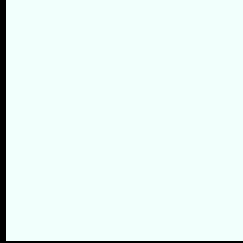
Large Text (above 18pt) WCAG AA × Fail

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, 5.103, 181.791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

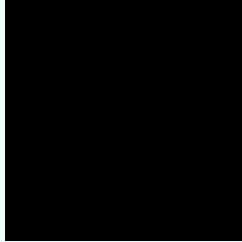
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 5.103, 181.791

Background



This preview shows how black text looks on a background with the CIELCh color 99, 5.103, 181.791.

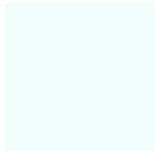


This preview shows how white text looks on a background with the CIELCh color 99, 5.103, 181.791.

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, 5.103, 181.791



Protanopia
99, 1.487, 38.999

Deuteranopia
99, 1.502, 359.268

Tritanopia
99, 1.571, 277.558

Trichromacy



Original Color

99, 5.103, 181.791

Protanomaly

99, 0.862, 164.145

Deuteranomaly

99, 0.697, 200.304

Tritanomaly

99, 2.137, 213.378

Monochromacy



Original Color

99, 5.103, 181.791

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.819, 183.407

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 5.103, 181.791 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(241, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 252)  
}
```

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(241, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 5.103, 181.791 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(241, 255, 252) }
```

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

```
.border{ border-color:rgb(241, 255, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 5.103, 181.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 252) }
```

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

```
.background{ background-color: rgb(241,  
255, 252) }
```

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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