

Converting Colors

CIELCh(100, 7.516, 166.223)

Have a look what the booklet for
CIELCh(100, 7.516, 166.223)
contains.

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Color

CIELCh(99, 5.291, 176.562)

Conversions

Conversions Part 1

Format	Color
Hex	F1FFFB
RGB	241, 255, 251
RGB Percent	95%, 100%, 98%
CMY	0.0538, 0.0000, 0.0146
CMYK	0.05, 0.00, 0.01, 0.00
HSL	164°, 100%, 97%
HSV	164°, 5%, 100%
XYZ	89.6812, 97.4360, 105.5828
YIQ	250.3580, -7.0600, -4.2120

Conversions

Conversions Part 2

Format	Color
R _Y B	241, 249, 255
Decimal	15859707
CIE Lab	99.00, -5.28, 0.32
CIE LCh	99, 5.291, 176.562
Yxy	97.4360, 0.3064, 0.3329
Android (android.graphics.Color)	4294049787 (0xFFFF1FFFB)
YUV	250.3580, 0.3165, -8.2070
Hunter-Lab	98.7097, -10.5684, 5.6785

Details

The CIELCh color 99, 5.291, 176.562 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 5.237, 358.413, 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, 14.571, 176.603, and if you desaturate by 10%, it is 100, 0.012, 296.813.

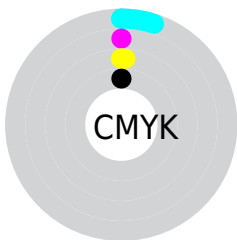
Distribution



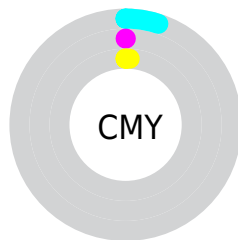
- Red (95%)
- Green (100%)
- Blue (98%)



- 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, 5.291, 176.562 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, 5.291, 176.562 by changing the saturation by 10% instead.

 99, 5.291, 176.562

 99, 5.291, 176.562

 100, 5.291,
176.562

 89, 5.291, 176.562

 79, 5.291, 176.562

 69, 5.291, 176.562


 59, 5.291, 176.562

 49, 5.291, 176.562

 39, 5.291, 176.562

 29, 5.291, 176.562

 19, 5.291, 176.562

 9, 5.291, 176.562

99, 5.291, 176.562

99, 5.291, 176.562

97, 14.571,
176.603

100, 0.012,
296.813

95, 23.700,
175.558

94, 32.377,
174.438


93, 40.437,
173.218

92, 47.720,
171.874

91, 54.088,
170.381

90, 59.450,
168.713

90, 63.786,
166.851

 90, 67.176,
164.793

Harmonies

Complementary

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



99, 5.291, 176.562



96, 5.237, 358.413

Rectangle

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



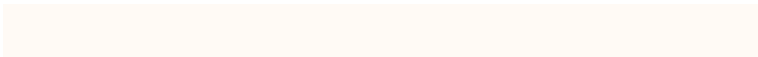
99, 5.291, 176.562



99, 5.291, 226.562



99, 5.291, 356.562



99, 5.291, 46.562

Sweetspot

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



99, 5.142, 177.638



100, 1.913, 178.141



99, 7.811, 136.058



53, 1.087, 178.167



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

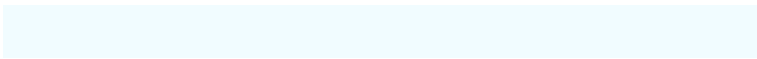
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 5.142, 177.638



99, 5.734, 177.568



98, 3.977, 221.771



53, 3.802, 177.497



69, 54.869, 164.208



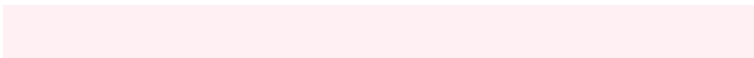
23, 24.210, 167.098

Inverse Universe

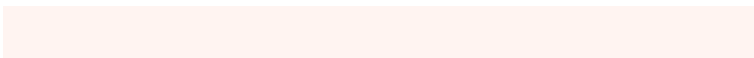
The Inverse Universe completely reimagines the original color for something new.



96, 5.237, 358.413



96, 5.851, 358.485



97, 4.105, 41.119



51, 3.886, 358.559



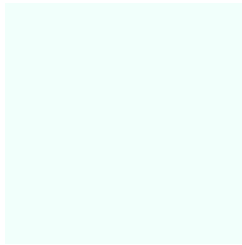
40, 71.765, 23.854



10, 31.593, 14.706

Previews

White Background



This preview shows how the CIE LCh color 99, 5.291, 176.562 looks on a white background.

Color Contrast Check

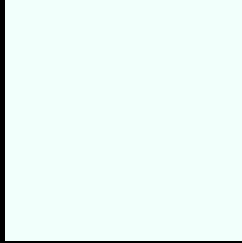
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 99, 5.291, 176.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

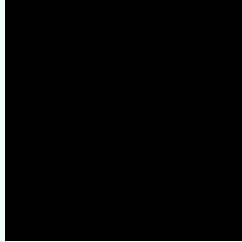
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 5.291, 176.562

Background



This preview shows how black text looks on a background with the CIELCh color 99, 5.291, 176.562.



This preview shows how white text looks on a background with the CIELCh color 99, 5.291, 176.562.

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, 5.291, 176.562



Protanopia

99, 1.487, 38.999

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.571, 277.558

Trichromacy



Original Color

99, 5.291, 176.562

Protanomaly

99, 1.233, 144.647

Deuteranomaly

99, 0.697, 200.304

Tritanomaly

99, 2.137, 213.378

Monochromacy



Original Color

99, 5.291, 176.562

Achromatopsia

98, 0.011, 296.813

Achromatomaly

99, 2.027, 169.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 5.291, 176.562 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 5.291, 176.562 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, 251) }
```

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

```
.border{ border-color:rgb(241, 255, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 255, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 255, 251); box-shadow:4px 4px 4px 4px rgb(241, 255, 251) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 5.291, 176.562 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, 251) }
```

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

```
.background{ background-color: rgb(241,  
255, 251) }
```

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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