

Converting Colors

CIELCh(99, 2.771, 171.564)

Have a look what the booklet for
CIELCh(99, 2.771, 171.564) contains.

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Color

CIELCh(99, 2.890, 167.629)

Conversions

Conversions Part 1

Format	Color
Hex	F7FEFB
RGB	247, 254, 251
RGB Percent	97%, 100%, 98%
CMY	0.0322, 0.0047, 0.0165
CMYK	0.03, 0.00, 0.01, 0.00
HSL	154°, 74%, 98%
HSV	154°, 3%, 100%
XYZ	91.0368, 97.4360, 105.1005
YIQ	251.5650, -3.2090, -2.4170

Conversions

Conversions Part 2

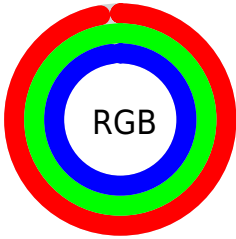
Format	Color
R _Y B	247, 251, 254
Decimal	16252667
CIE Lab	99.00, -2.82, 0.62
CIE LCh	99, 2.890, 167.629
Yxy	97.4360, 0.3101, 0.3319
Android (android.graphics.Color)	4294442747 (0xFF7FEFB)
YUV	251.5650, -0.2785, -4.0035
Hunter-Lab	98.7097, -8.1171, 5.9681

Details

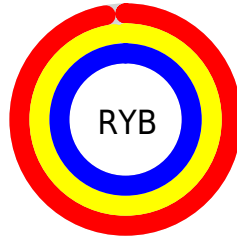
The CIELCh color 99, 2.890, 167.629 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 2.920, 347.733, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 2.447, 173.607 is the 20% darker color. If you saturate the color by 10%, you get 97, 13.385, 166.558, and if you desaturate by 10%, it is 100, 0.758, 324.060.

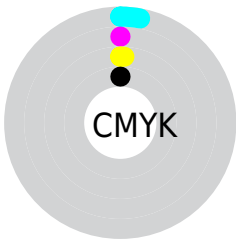
Distribution



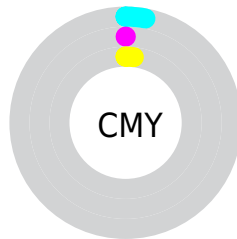
- Red (97%)
- Green (100%)
- Blue (98%)



- Red (97%)
- Yellow (98%)
- Blue (100%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 2.890, 167.629 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, 2.890, 167.629 by changing the saturation by 10% instead.

 99, 2.890, 167.629

 99, 2.890, 167.629

 100, 2.890,
167.629

 89, 2.890, 167.629

 79, 2.890, 167.629

 69, 2.890, 167.629

 59, 2.890, 167.629

 49, 2.890, 167.629

 39, 2.890, 167.629

 29, 2.890, 167.629

 19, 2.890, 167.629

 9, 2.890, 167.629

99, 2.890, 167.629

99, 2.890, 167.629

97, 13.385,
166.558

100, 0.758,
324.060

95, 23.753,
165.539

94, 33.845,
164.422


92, 43.490,
163.178

91, 52.507,
161.779

90, 60.725,
160.199

89, 68.009,
158.416

89, 74.289,
156.415

 89,79.586,
154.203

Harmonies

Complementary

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



99, 2.890, 167.629



98, 2.920, 347.733

Rectangle

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



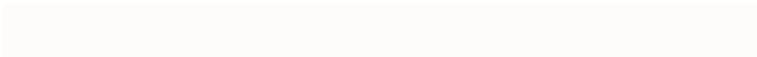
99, 2.890, 167.629



99, 2.890, 217.629



99, 2.890, 347.629



99, 2.890, 37.629

Sweetspot

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



99, 2.892, 167.609



100, 1.048, 168.077



99, 3.826, 131.292



53, 0.595, 168.108



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, 2.892, 167.609



99, 3.158, 167.574



99, 2.277, 205.545



53, 2.395, 167.469



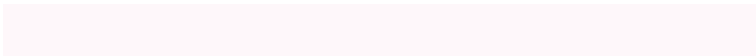
68, 66.494, 152.956



23, 28.812, 156.180

Inverse Universe

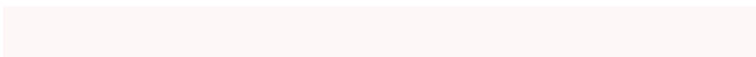
The Inverse Universe completely reimagines the original color for something new.



98, 2.920, 347.733



98, 3.188, 347.769



98, 2.317, 25.160



52, 2.419, 347.874



41, 68.066, 8.994



10, 31.385, 2.347

Previews

White Background



This preview shows how the CIE LCh color 99, 2.890, 167.629 looks on a white background.

Color Contrast Check

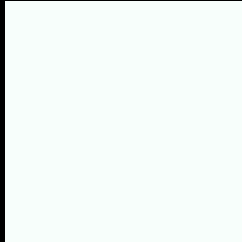
Large Text (above 18pt) WCAG AA × Fail

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, 2.890, 167.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

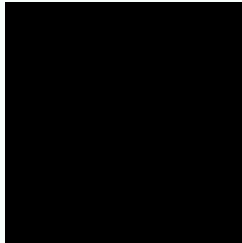
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 2.890, 167.629

Background



This preview shows how black text looks on a background with the CIELCh color 99, 2.890, 167.629.



This preview shows how white text looks on a background with the CIELCh color 99, 2.890, 167.629.

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, 2.890, 167.629

Protanopia

99, 1.487, 38.999

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy

Original Color

99, 2.890, 167.629

Protanomaly

99, 1.005, 110.026

Deuteranomaly

99, 0.012, 296.813

Tritanomaly

99, 1.044, 199.970

Monochromacy

Original Color

99, 2.890, 167.629

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, 2.890, 167.629 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(247, 254, 251)` looks like.

```
.text, #text, p{  
    color:rgb(247, 254, 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(247, 254, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 254, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 2.890, 167.629 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(247, 254, 251) }
```

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

```
.border{ border-color:rgb(247, 254, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 254, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 254, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 254, 251);  
box-shadow:4px 4px 4px 4px rgb(247, 254,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 2.890, 167.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 254, 251) }
```

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

```
.background{ background-color: rgb(247,  
254, 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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