

Converting Colors

CIELCh(100, 4.675, 171.223)

Have a look what the booklet for
CIELCh(100, 4.675, 171.223)
contains.

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Color

CIELCh(99, 3.297, 181.436)

Conversions

Conversions Part 1	
Format	Color
Hex	F5FEFC
RGB	245, 254, 252
RGB Percent	96%, 100%, 99%
CMY	0.0387, 0.0034, 0.0113
CMYK	0.04, 0.00, 0.01, 0.00
HSL	167°, 84%, 98%
HSV	167°, 4%, 100%
XYZ	90.7749, 97.4360, 106.2239
YIQ	251.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

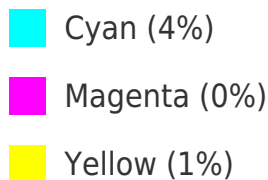
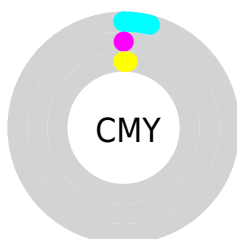
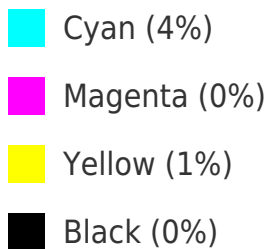
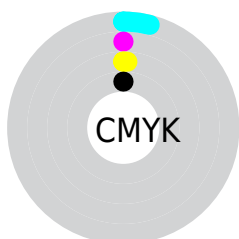
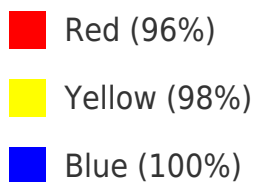
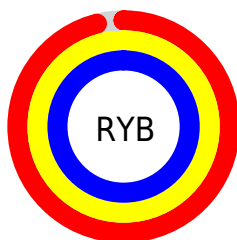
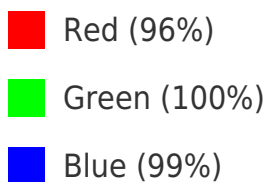
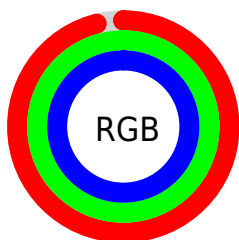
Format	Color
RYB	245, 250, 254
Decimal	16121596
CIELab	99.00, -3.30, -0.08
CIELCh	99, 3.297, 181.436
Yxy	97.4360, 0.3083, 0.3309
Android (android.graphics.Color)	4294311676 (0xFF5FEFC)
YUV	251.0810, 0.4531, -5.3330
Hunter-Lab	98.7097, -8.5907, 5.2933

Details

The CIELCh color 99, 3.297, 181.436 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 3.350, 1.692, 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, 3.117, 179.309 is the 20% darker color. If you saturate the color by 10%, you get 97, 12.485, 180.346, and if you desaturate by 10%, it is 100, 0.549, 323.897.

Distribution




Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 3.297, 181.436 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, 3.297, 181.436 by changing the saturation by 10% instead.

 99, 3.297, 181.436

 99, 3.297, 181.436

 100, 3.297,
181.436

 89, 3.297, 181.436

 79, 3.297, 181.436

 69, 3.297, 181.436

 59, 3.297, 181.436

 49, 3.297, 181.436

 39, 3.297, 181.436


 29, 3.297, 181.436

 19, 3.297, 181.436


 9, 3.297, 181.436


 99, 3.297, 181.436


 99, 3.297, 181.436


 97, 12.485,
180.346


100, 0.549,
323.897


 96, 21.351,
179.342


 94, 29.747,
178.284


 93, 37.515,
177.147

 92, 44.495,
175.909

 91, 50.553,
174.546

 90, 55.595,
173.034

 90, 59.594,
171.349

 90, 62.614,
169.481

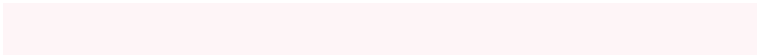
Harmonies

Complementary

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



99, 3.297, 181.436



97, 3.350, 1.692

Rectangle

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



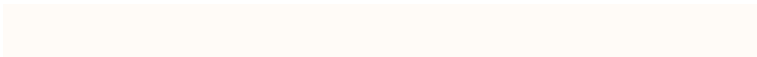
99, 3.297, 181.436



99, 3.297, 231.436



99, 3.297, 1.436



99, 3.297, 51.436

Sweetspot

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



99, 3.299, 181.409



100, 0.933, 182.103



99, 5.193, 137.697



53, 0.530, 182.141



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

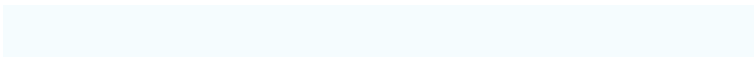
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 3.299, 181.409



99, 3.737, 181.347



98, 2.577, 227.885



53, 2.654, 181.253



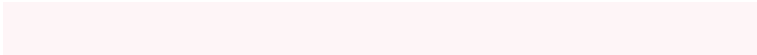
69, 51.576, 168.572



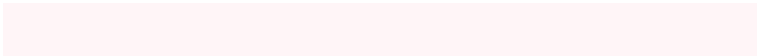
23, 22.928, 171.225

Inverse Universe

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



97, 3.350, 1.692



97, 3.800, 1.757



98, 2.622, 47.027



51, 2.705, 1.853



40, 73.861, 27.858



10, 31.853, 17.556

Previews

White Background



This preview shows how the CIE LCh color 99, 3.297, 181.436 looks on a white background.

Color Contrast Check

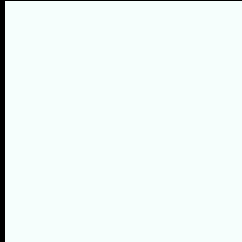
Large Text (above 18pt) WCAG AA × Fail

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, 3.297, 181.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

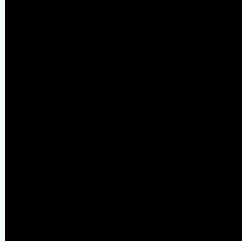
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 3.297, 181.436

Background



This preview shows how black text looks on a background with the CIELCh color 99, 3.297, 181.436.



This preview shows how white text looks on a background with the CIELCh color 99, 3.297, 181.436.

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



The image shows a vertical stack of three color patches. The top patch is a light teal color. The middle patch is a light pink color. The bottom patch is a light yellow color. To the right of each patch is a label and a set of three numbers.

Original Color

99, 3.300, 181.434

Protanopia

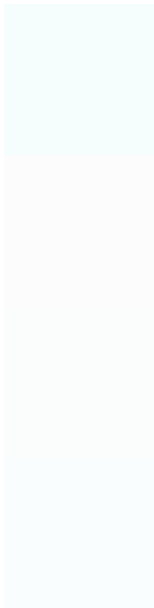
99, 1.406, 19.030

Deuteranopia

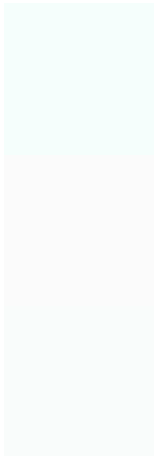
99, 1.502, 359.268

Tritanopia
99, 1.571, 277.558

Trichromacy

	Original Color 99, 3.300, 181.434
	Protanomaly 99, 0.611, 144.922
	Deuteranomaly 99, 0.348, 201.271
	Tritanomaly 99, 1.476, 219.962

Monochromacy

	Original Color 99, 3.300, 181.434
	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, 3.297, 181.436 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(245, 254, 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(245, 254, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 254, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 3.297, 181.436 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, 252) }
```

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

```
.border{ border-color:rgb(245, 254, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 254, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 254, 252);  
box-shadow:4px 4px 4px 4px rgb(245, 254,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 3.297, 181.436 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, 252) }
```

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

```
.background{ background-color: rgb(245,  
254, 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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