

Converting Colors

CIELCh(100, 21.245, 284.449)

Have a look what the booklet for
CIELCh(100, 21.245, 284.449)
contains.

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Color

CIELCh(99, 2.934, 219.796)

Conversions

Conversions Part 1

Format	Color
Hex	F6FEFF
RGB	246, 254, 255
RGB Percent	96%, 100%, 100%
CMY	0.0367, 0.0053, 0.0000
CMYK	0.04, 0.01, 0.00, 0.00
HSL	189°, 100%, 98%
HSV	189°, 4%, 100%
XYZ	91.3523, 97.4360, 109.1344
YIQ	251.7220, -5.0890, -1.3850

Conversions

Conversions Part 2

Format	Color
R _Y B	246, 250, 255
Decimal	16187135
CIE Lab	99.00, -2.25, -1.88
CIE LCh	99, 2.934, 219.796
Yxy	97.4360, 0.3066, 0.3271
Android (android.graphics.Color)	4294377215 (0xFFFF6FEFF)
YUV	251.7220, 1.6161, -5.0182
Hunter-Lab	98.7097, -7.5466, 3.5452

Details

The CIELCh color 99, 2.934, 219.796 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 2.911, 33.143, 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, 2.586, 211.351 is the 20% darker color. If you saturate the color by 10%, you get 96, 10.315, 213.490, and if you desaturate by 10%, it is 100, 0.012, 296.813.

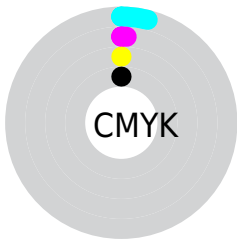
Distribution



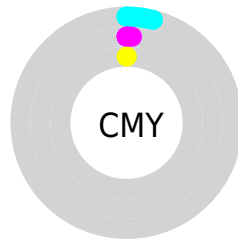
- Red (96%)
- Green (100%)
- Blue (100%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 2.934, 219.796 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, 2.934, 219.796 by changing the saturation by 10% instead.

 99, 2.934, 219.796

 99, 2.934, 219.796

 100, 2.934,
219.796

 89, 2.934, 219.796

 79, 2.934, 219.796

 69, 2.934, 219.796

 59, 2.934, 219.796

 49, 2.934, 219.796

 39, 2.934, 219.796

 29, 2.934, 219.796

 19, 2.934, 219.796

 9, 2.934, 219.796

99, 2.934, 219.796

99, 2.934, 219.796

96, 10.315,
213.490

100, 0.012,
296.813

94, 17.296,
213.667

91, 23.666,
214.023

89, 29.298,
214.590

87, 34.070,
215.417

85, 37.884,
216.560

84, 40.683,
218.084

82, 42.477,
220.053

■ 81, 43.363,
222.519

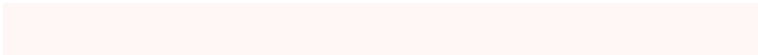
Harmonies

Complementary

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



99, 2.934, 219.796



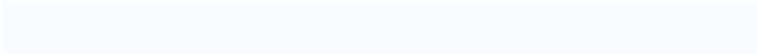
98, 2.911, 33.143

Rectangle

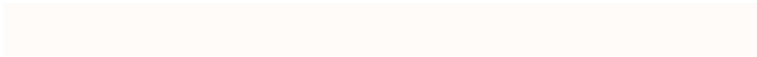
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



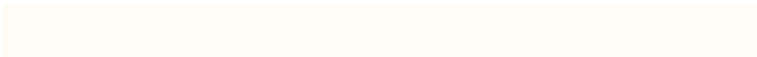
99, 2.934, 219.796



99, 2.934, 269.796



99, 2.934, 39.796



99, 2.934, 89.796

Sweetspot

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



99, 2.846, 213.586



100, 0.780, 214.202



99, 5.300, 148.151



53, 0.444, 214.246



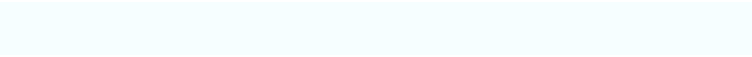
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

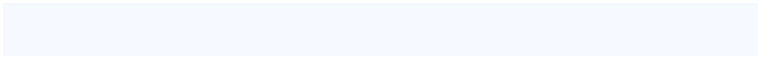
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 2.846, 213.586



99, 3.096, 213.568



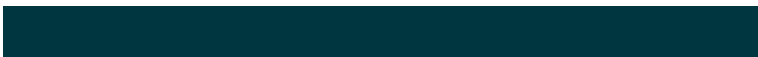
98, 3.243, 268.934



53, 2.196, 213.536



62, 35.136, 223.755



20, 16.259, 220.022

Inverse Universe

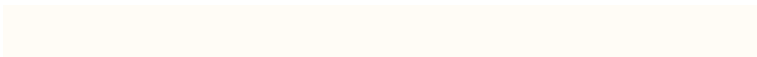
The Inverse Universe completely reimagines the original color for something new.



98, 5.277, 328.848



97, 5.744, 328.873



99, 3.231, 87.808



52, 4.084, 328.928



44, 83.050, 335.034



12, 38.729, 334.098

Previews

White Background



This preview shows how the CIE LCh color 99, 2,934, 219.796 looks on a white background.

Color Contrast Check

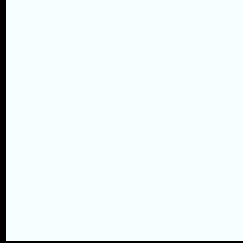
Large Text (above 18pt) WCAG AA × Fail

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, 2.934, 219.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

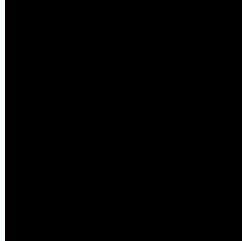
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 2.934, 219.796

Background



This preview shows how black text looks on a background with the CIELCh color 99, 2.934, 219.796.



This preview shows how white text looks on a background with the CIELCh color 99, 2.934, 219.796.

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, 2.808, 209.918

Protanopia

99, 1.748, 343.501

Deuteranopia

99, 1.748, 343.501

Tritanopia
99, 1.571, 277.558

Trichromacy



Original Color

99, 2.808, 209.918

Protanomaly

99, 1.028, 290.329

Deuteranomaly

99, 1.028, 290.329

Tritanomaly

99, 1.714, 236.231

Monochromacy



Original Color

99, 2.808, 209.918



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.045, 199.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 2.934, 219.796 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(246, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 254, 255)  
}
```

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(246, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 254, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 2.934, 219.796 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(246, 254, 255) }
```

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

```
.border{ border-color:rgb(246, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 254,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 2.934, 219.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 254, 255) }
```

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

```
.background{ background-color: rgb(246,  
254, 255) }
```

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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