

Converting Colors

CIELCh(99, 2.577, 265.896)

Have a look what the booklet for
CIELCh(99, 2.577, 265.896) contains.

CIELCh(99, 1.843, 255.948)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(99, 1.843, 255.948)

Conversions

Conversions Part 1

Format	Color
Hex	FAFDFF
RGB	250, 253, 255
RGB Percent	98%, 99%, 100%
CMY	0.0215, 0.0097, 0.0000
CMYK	0.02, 0.01, 0.00, 0.00
HSL	207°, 100%, 99%
HSV	207°, 2%, 100%
XYZ	92.3594, 97.4360, 108.9871
YIQ	252.3310, -2.4300, -0.0140

Conversions

Conversions Part 2

Format	Color
R _Y B	250, 252, 255
Decimal	16449023
CIE Lab	99.00, -0.45, -1.79
CIE LCh	99, 1.843, 255.948
Yxy	97.4360, 0.3091, 0.3261
Android (android.graphics.Color)	4294639103 (0xFFFAFDFF)
YUV	252.3310, 1.3158, -2.0443
Hunter-Lab	98.7097, -5.7253, 3.6337

Details

The CIELCh color 99, 1.843, 255.948 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 1.626, 69.453, 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, 1.290, 255.946 is the 20% darker color. If you saturate the color by 10%, you get 94, 9.106, 251.601, and if you desaturate by 10%, it is 100, 0.012, 296.813.

Distribution



- Red (98%)
- Green (99%)
- Blue (100%)



- Red (98%)
- Yellow (99%)
- Blue (100%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 1.843, 255.948 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, 1.843, 255.948 by changing the saturation by 10% instead.

 99, 1.843, 255.948

 99, 1.843, 255.948

 100, 1.843,
255.948

 89, 1.843, 255.948

 79, 1.843, 255.948

 69, 1.843, 255.948

 59, 1.843, 255.948

 49, 1.843, 255.948

 39, 1.843, 255.948

 29, 1.843, 255.948

 19, 1.843, 255.948

 9, 1.843, 255.948

99, 1.843, 255.948

99, 1.843, 255.948

94, 9.106, 251.601

100, 0.012,
296.813

90, 16.430,
253.138

85, 23.558,
255.009

81, 30.452,
257.270

76, 37.084,
259.990

72, 43.458,
263.233

68, 49.620,
267.031

64, 55.668,
271.362

■ 61, 61.750,
276.107

Harmonies

Complementary

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



99, 1.843, 255.948



99, 1.626, 69.453

Rectangle

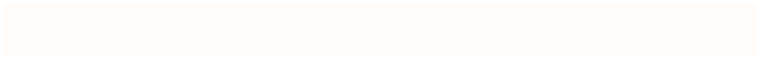
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 1.843, 255.948



99, 1.843, 305.948



99, 1.843, 75.948



99, 1.843, 125.948

Sweetspot

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



99, 1.630, 250.544



100, 0.764, 250.748



100, 2.458, 161.073



53, 0.434, 250.775



0, 0.000, 0.000



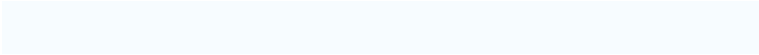
53, 0.007, 296.813

Same Dimension

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



99, 1.630, 250.544



99, 2.271, 250.562



98, 2.664, 288.360



52, 1.719, 250.614



44, 52.840, 279.014



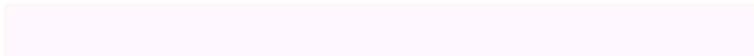
13, 21.755, 272.102

Inverse Universe

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



99, 2.477, 341.112



98, 3.458, 341.232



100, 2.630, 107.851



52, 2.623, 341.324



41, 69.014, 357.578



11, 32.408, 352.744

Previews

White Background



This preview shows how the CIE LCh color 99, 1.843, 255.948 looks on a white background.

Color Contrast Check

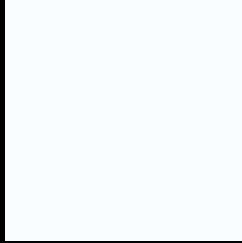
Large Text (above 18pt) WCAG AA × Fail

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, 1.843, 255.948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

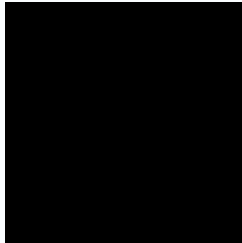
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 1.843, 255.948

Background



This preview shows how black text looks on a background with the CIELCh color 99, 1.843, 255.948.



This preview shows how white text looks on a background with the CIELCh color 99, 1.843, 255.948.

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, 1.452, 244.465

Protanopia

99, 2.091, 332.256

Deuteranopia

99, 1.748, 343.501

Tritanopia
99, 1.537, 290.342

Trichromacy

Original Color

99, 1.452, 244.465

Protanomaly

99, 1.091, 308.973

Deuteranomaly

99, 1.091, 308.973

Tritanomaly

99, 1.571, 277.558

Monochromacy

Original Color

99, 1.452, 244.465

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 0.621, 256.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 1.843, 255.948 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(250, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 253, 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(250, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 253, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 1.843, 255.948 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(250, 253, 255) }
```

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

```
.border{ border-color:rgb(250, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 253,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 1.843, 255.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 253, 255) }
```

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

```
.background{ background-color: rgb(250,  
253, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor