

Converting Colors

CIELCh(99, 0.441, 199.814)

Have a look what the booklet for
CIELCh(99, 0.441, 199.814) contains.

CIELCh(99, 0.348, 201.271)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(99, 0.348, 201.271)

Conversions

Conversions Part 1

Format	Color
Hex	FBFCFC
RGB	251, 252, 252
RGB Percent	98%, 99%, 99%
CMY	0.0144, 0.0105, 0.0105
CMYK	0.00, 0.00, 0.00, 0.01
HSL	180°, 16%, 99%
HSV	180°, 0%, 99%
XYZ	92.4284, 97.4360, 106.2940
YIQ	251.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

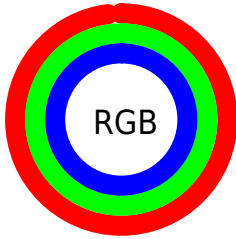
Format	Color
R _Y B	251, 252, 252
Decimal	16514300
CIE Lab	99.00, -0.32, -0.13
CIE LCh	99, 0.348, 201.271
Yxy	97.4360, 0.3121, 0.3290
Android (android.graphics.Color)	4294704380 (0xFFFBFCFC)
YUV	251.7010, 0.1474, -0.6148
Hunter-Lab	98.7097, -5.6007, 5.2512

Details

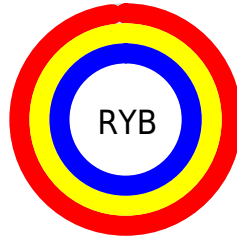
The CIELCh color 99, 0.348, 201.271 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 0.353, 17.224, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 0.010, 296.813 is the 20% darker color. If you saturate the color by 10%, you get 97, 8.950, 198.545, and if you desaturate by 10%, it is 99, 0.942, 15.611.

Distribution



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



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 0.348, 201.271 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, 0.348, 201.271 by changing the saturation by 10% instead.

99, 0.348, 201.271

99, 0.348, 201.271

100, 0.348,
201.271

89, 0.348, 201.271

79, 0.348, 201.271

69, 0.348, 201.271

59, 0.348, 201.271

49, 0.348, 201.271

39, 0.348, 201.271

29, 0.348, 201.271

19, 0.348, 201.271

9, 0.348, 201.271

99, 0.348, 201.271

99, 0.348, 201.271

97, 8.950, 198.545

99, 0.942, 15.611

96, 17.050,
197.989

99, 0.948, 12.353

94, 24.508,
197.500

99, 0.956, 9.144

99, 0.968, 6.003

93, 31.178,
197.070

99, 0.983, 2.946

92, 36.924,
196.699

99, 1.000, 359.986

99, 1.020, 357.134

91, 41.639,
196.390

99, 1.042, 354.397

91, 45.254,
196.143

99, 1.066, 351.780

91, 47.764,
195.955

■ 90, 49.234,
195.821

Harmonies

Complementary

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



99, 0.348, 201.271



99, 0.353, 17.224

Rectangle

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



99, 0.348, 201.271



99, 0.348, 251.271



99, 0.348, 21.271



99, 0.348, 71.271

Sweetspot

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



99, 0.349, 200.911

100, 0.012, 296.813



99, 0.610, 144.474



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



99, 0.349, 200.911

100, 0.012, 296.813



99, 0.313, 255.088



52, 0.007, 296.813



69, 40.084, 195.741



23, 18.129, 195.822

Inverse Universe

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



99, 0.353, 17.224

100, 0.012, 296.813



99, 0.296, 72.014



52, 0.007, 296.813



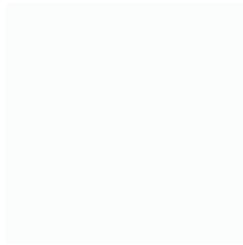
39, 83.194, 39.829



9, 32.164, 25.972

Previews

White Background



This preview shows how the CIE LCh color 99, 0.348, 201.271 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, 0.348, 201.271 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, 0.348, 201.271

Background



This preview shows how black text looks on a background with the CIELCh color 99, 0.348, 201.271.



This preview shows how white text looks on a background with the CIELCh color 99, 0.348, 201.271.

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, 0.348, 201.271

Protanopia
99, 1.502, 359.268

Deuteranopia
99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy

Original Color

99, 0.348, 201.271

Protanomaly

99, 1.179, 353.328

Deuteranomaly

99, 1.179, 353.328

Tritanomaly

99, 1.028, 290.329

Monochromacy

Original Color

99, 0.348, 201.271

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 0.012, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 0.348, 201.271 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(251, 252, 252)` looks like.

```
.text, #text, p{  
    color:rgb(251, 252, 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(251, 252, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 252, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 0.348, 201.271 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(251, 252, 252) }
```

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

```
.border{ border-color:rgb(251, 252, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 252, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 252, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 252, 252);  
box-shadow:4px 4px 4px 4px rgb(251, 252,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 0.348, 201.271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 252, 252) }
```

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

```
.background{ background-color: rgb(251,  
252, 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](#).

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