

Converting Colors

CIE LCh(99, 1.029, 344.441)

Have a look what the booklet for
CIELCh(99, 1.029, 344.441) contains.

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Color

CIELCh(99, 0.878, 343.163)

Conversions

Conversions Part 1

Format	Color
Hex	FEFCFD
RGB	254, 252, 253
RGB Percent	100%, 99%, 99%
CMY	0.0055, 0.0133, 0.0094
CMYK	0.00, 0.01, 0.00, 0.01
HSL	330°, 42%, 99%
HSV	330°, 1%, 99%
XYZ	93.0818, 97.4360, 106.5000
YIQ	252.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

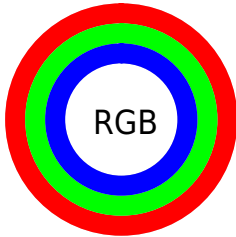
Format	Color
R _Y B	254, 252, 253
Decimal	16710909
CIE Lab	99.00, 0.84, -0.25
CIE LCh	99, 0.878, 343.163
Yxy	97.4360, 0.3134, 0.3280
Android (android.graphics.Color)	4294900989 (0xFFFEFCFD)
YUV	252.7120, 0.1420, 1.1296
Hunter-Lab	98.7097, -4.4190, 5.1275

Details

The CIELCh color 99, 0.878, 343.163 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 0.859, 164.207, 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, 0.919, 343.297 is the 20% darker color. If you saturate the color by 10%, you get 92, 12.066, 344.584, and if you desaturate by 10%, it is 100, 0.484, 200.744.

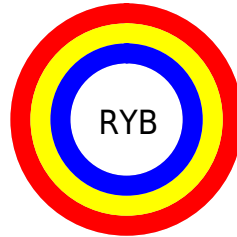
Distribution



Red (100%)

Green (99%)

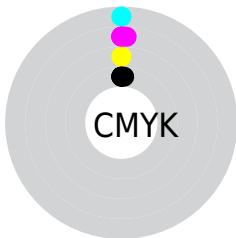
Blue (99%)



Red (100%)

Yellow (99%)

Blue (99%)

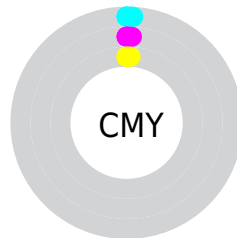


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (1%)



Cyan (1%)

Magenta (1%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 0.878, 343.163 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, 0.878, 343.163 by changing the saturation by 10% instead.

99, 0.878, 343.163

99, 0.878, 343.163

100, 0.878,
343.163

89, 0.878, 343.163

79, 0.878, 343.163

69, 0.878, 343.163

59, 0.878, 343.163

49, 0.878, 343.163

39, 0.878, 343.163

29, 0.878, 343.163

19, 0.878, 343.163

9, 0.878, 343.163

99, 0.878, 343.163

99, 0.878, 343.163

92, 12.066,
344.584

100, 0.484,
200.744

86, 23.493,
345.551

80, 34.990,
346.625

74, 46.289,
347.851

69, 56.993,
349.286

64, 66.577,
351.010

60, 74.441,
353.138

57, 80.050,
355.817

■ 56, 83.166,
359.218

Harmonies

Complementary

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

99, 0.878, 343.163

99, 0.859, 164.207

Rectangle

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



99, 0.878, 343.163



99, 0.878, 33.163



99, 0.878, 163.163



99, 0.878, 213.163

Sweetspot

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



99, 0.875, 343.217

100, 0.012, 296.813



99, 1.089, 308.973



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, 0.875, 343.217



99, 1.116, 343.352



99, 0.701, 18.514



53, 0.635, 343.325



41, 68.236, 2.212



10, 31.859, 356.596

Inverse Universe

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



99, 0.875, 343.217



99, 1.116, 343.352




99, 0.694, 200.312



53, 0.635, 343.325



41, 68.236, 2.212



10, 31.859, 356.596

Previews

White Background



This preview shows how the CIE LCh color 99, 0.878, 343.163 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, 0.878, 343.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

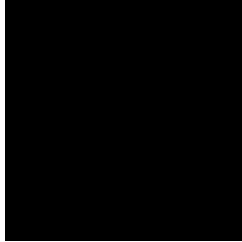
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 0.878, 343.163

Background



This preview shows how black text looks on a background with the CIELCh color 99, 0.878, 343.163.



This preview shows how white text looks on a background with the CIELCh color 99, 0.878, 343.163.

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, 0.878, 343.163

Protanopia

99, 1.502, 359.268

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.581, 303.066

Trichromacy

Original Color

99, 0.878, 343.163

Protanomaly

99, 1.179, 353.328

Deuteranomaly

99, 1.179, 353.328

Tritanomaly

99, 1.091, 308.973

Monochromacy

Original Color

99, 0.878, 343.163

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 0.352, 17.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 0.878, 343.163 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(254, 252, 253)` looks like.

```
.text, #text, p{  
    color:rgb(254, 252, 253)  
}
```

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(254, 252, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 252, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 0.878, 343.163 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(254, 252, 253) }
```

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

```
.border{ border-color:rgb(254, 252, 253) }
```

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

Here you see how a box with a 4 pixel rgb(254, 252, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 252, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 252, 253);  
box-shadow:4px 4px 4px 4px rgb(254, 252,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 0.878, 343.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 252, 253) }
```

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

```
.background{ background-color: rgb(254,  
252, 253) }
```

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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