

Converting Colors

CIE LCh(99, 1.252, 324.240)

Have a look what the booklet for
CIELCh(99, 1.252, 324.240) contains.

CIELCh(99, 1.251, 324.239)	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, 1.251, 324.239)

Conversions

Conversions Part 1

Format	Color
Hex	FEFCFE
RGB	254, 252, 254
RGB Percent	100%, 99%, 100%
CMY	0.0058, 0.0136, 0.0058
CMYK	0.00, 0.01, 0.00, 0.01
HSL	300°, 40%, 99%
HSV	300°, 1%, 99%
XYZ	93.1802, 97.4360, 107.2692
YIQ	252.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

Format	Color
RYB	254, 252, 254
Decimal	16710910
CIELab	99.00, 1.02, -0.73
CIELCh	99, 1.251, 324.239
Yxy	97.4360, 0.3128, 0.3271
Android (android.graphics.Color)	4294900990 (0xFFFEFCFE)
YUV	252.8260, 0.5788, 1.0296
Hunter-Lab	98.7097, -4.2412, 4.6655

Details

The CIELCh color 99, 1.251, 324.239 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 1.228, 144.648, 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, 1.310, 324.303 is the 20% darker color. If you saturate the color by 10%, you get 93, 17.115, 325.019, and if you desaturate by 10%, it is 100, 0.898, 144.729.

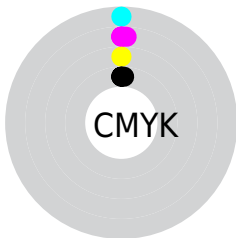
Distribution



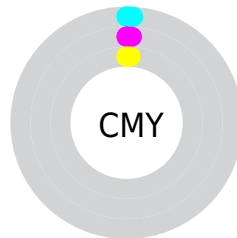
- Red (100%)
- Green (99%)
- Blue (100%)



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



- 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, 1.251, 324.239 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, 1.251, 324.239 by changing the saturation by 10% instead.

99, 1.251, 324.239

99, 1.251, 324.239

100, 1.251,
324.239

89, 1.251, 324.239

79, 1.251, 324.239

69, 1.251, 324.239

59, 1.251, 324.239

49, 1.251, 324.239

39, 1.251, 324.239

29, 1.251, 324.239

19, 1.251, 324.239

9, 1.251, 324.239

99, 1.251, 324.239

99, 1.251, 324.239

93, 17.115,
325.019

100, 0.898,
144.729

87, 33.088,
325.579

100, 0.898,
144.702

81, 48.899,
326.120

100, 0.898,
144.675

76, 64.161,
326.630

100, 0.898,
144.648

71, 78.370,
327.094

100, 0.897,
144.620

67, 90.922,
327.493

100, 0.897,
144.593

64, 101.195,
327.812

100, 0.897,
144.566

62, 108.684,
328.040

100, 0.896,
144.538


■ 61, 113.180,
328.174

100, 0.896,
144.511

Harmonies

Complementary

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



99, 1.251, 324.239



99, 1.228, 144.648

Rectangle

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



99, 1.251, 324.239



99, 1.251, 14.239



99, 1.251, 144.239



99, 1.251, 194.239

Sweetspot

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



99, 1.248, 324.237

100, 0.012, 296.813



99, 1.009, 289.671



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, 1.248, 324.237



99, 1.592, 324.301



99, 0.886, 342.289



53, 0.905, 324.289



45, 93.083, 328.230



12, 42.823, 328.230

Inverse Universe

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



99, 0.700, 18.509



99, 0.895, 18.723



99, 0.869, 163.250



53, 0.509, 18.681



40, 84.227, 39.998



10, 33.367, 27.174

Previews

White Background



This preview shows how the CIE LCh color 99, 125.1, 274.239 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, 1.251, 324.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

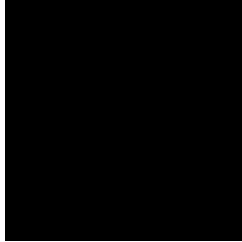
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 1.251, 324.239

Background



This preview shows how black text looks on a background with the CIELCh color 99, 1.251, 324.239.

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, 1.251, 324.239

Protanopia

99, 1.748, 343.501

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.581, 303.066

Trichromacy

Original Color

99, 1.251, 324.239

Protanomaly

99, 1.480, 335.467

Deuteranomaly

99, 1.480, 335.467

Tritanomaly

99, 1.091, 308.973

Monochromacy

Original Color

99, 1.251, 324.239

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 0.631, 323.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 1.251, 324.239 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, 254)` looks like.

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

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, 254) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 99, 1.251, 324.239 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, 254) }
```

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

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

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, 254) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 99, 1.251, 324.239 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, 254) }
```

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

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

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