

Converting Colors

CIELCh(99, 1.462, 118.981)

Have a look what the booklet for
CIELCh(99, 1.462, 118.981) contains.

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Color

CIELCh(99, 1.005, 110.026)

Conversions

Conversions Part 1

Format	Color
Hex	FCFCFA
RGB	252, 252, 250
RGB Percent	99%, 99%, 98%
CMY	0.0108, 0.0108, 0.0186
CMYK	0.00, 0.00, 0.01, 0.01
HSL	60°, 27%, 99%
HSV	60°, 1%, 99%
XYZ	92.4173, 97.4360, 104.5828
YIQ	251.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

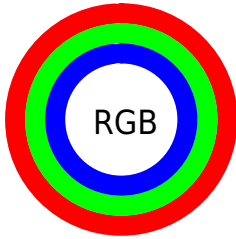
Format	Color
R _Y B	250, 252, 250
Decimal	16579834
CIE Lab	99.00, -0.34, 0.94
CIE LCh	99, 1.005, 110.026
Yxy	97.4360, 0.3139, 0.3309
Android (android.graphics.Color)	4294769914 (0xFFFCFCFA)
YUV	251.7720, -0.8736, 0.2000
Hunter-Lab	98.7097, -5.6208, 6.2791

Details

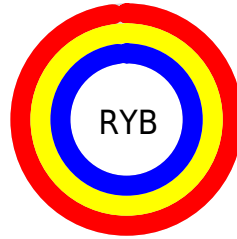
The CIELCh color 99, 1.005, 110.026 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 1.032, 290.414, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 0.524, 110.009 is the 20% darker color. If you saturate the color by 10%, you get 98, 13.807, 109.216, and if you desaturate by 10%, it is 99, 1.408, 291.061.

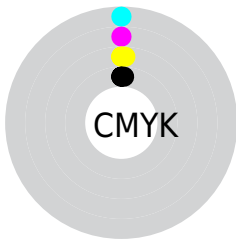
Distribution



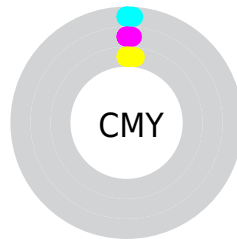
- Red (99%)
- Green (99%)
- Blue (98%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 1.005, 110.026 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, 1.005, 110.026 by changing the saturation by 10% instead.

 99, 1.005, 110.026

 99, 1.005, 110.026

100, 1.005,
110.026

 89, 1.005, 110.026

 79, 1.005, 110.026

 69, 1.005, 110.026

 59, 1.005, 110.026

 49, 1.005, 110.026

 39, 1.005, 110.026

 29, 1.005, 110.026

 19, 1.005, 110.026

 9, 1.005, 110.026

99, 1.005, 110.026

99, 1.005, 110.026

98, 13.807,
109.216

99, 1.408, 291.061

98, 26.515,
108.242

99, 1.409, 291.847

97, 39.032,
107.273

99, 1.410, 292.633

97, 51.203,
106.329

99, 1.412, 294.200

97, 62.788,
105.437

99, 1.414, 294.981

97, 73.423,
104.631

99, 1.418, 296.537

96, 82.595,
103.949

99, 1.421, 297.312

96, 89.687,
103.435

■ 96, 94.173,
103.120

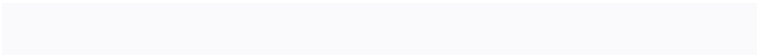
Harmonies

Complementary

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



99, 1.005, 110.026



98, 1.032, 290.414

Rectangle

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



99, 1.005, 110.026



99, 1.005, 160.026



99, 1.005, 290.026



99, 1.005, 340.026

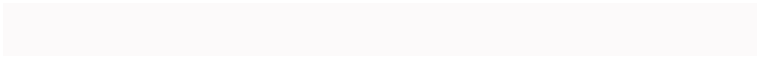
Sweetspot

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



99, 1.007, 110.114

100, 0.012, 296.813



99, 0.704, 18.523



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

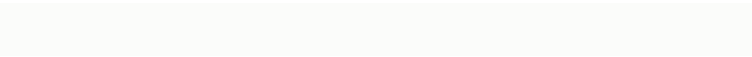
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 1.007, 110.114



100, 1.282, 110.110



99, 1.071, 129.165



52, 0.717, 110.111



74, 77.280, 102.989



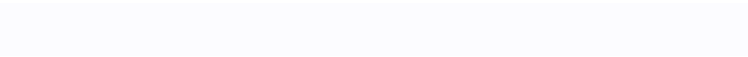
25, 34.378, 103.197

Inverse Universe

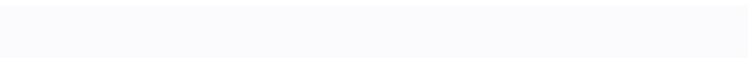
The Inverse Universe completely reimagines the original color for something new.



98, 1.032, 290.414



99, 1.308, 290.419



98, 1.094, 308.975



52, 0.732, 290.417



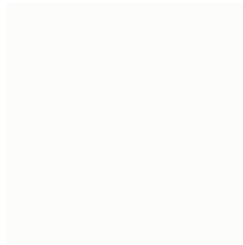
23, 106.697, 306.294



3, 42.032, 300.856

Previews

White Background



This preview shows how the CIE LCh color 99, 1.005, 110.026 looks on a white background.

Color Contrast Check

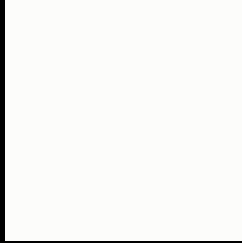
Large Text (above 18pt) WCAG AA × Fail

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, 1.005, 110.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

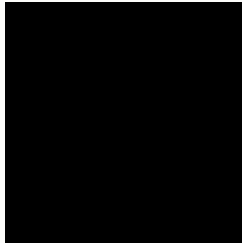
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 1.005, 110.026

Background



This preview shows how black text looks on a background with the CIELCh color 99, 1.005, 110.026.



This preview shows how white text looks on a background with the CIELCh color 99, 1.005, 110.026.

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, 1.005, 110.026

Protanopia

99, 1.406, 19.030

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.581, 303.066

Trichromacy

Original Color

99, 1.005, 110.026

Protanomaly

99, 1.054, 18.852

Deuteranomaly

99, 1.054, 18.852

Tritanomaly

99, 0.631, 323.976

Monochromacy

Original Color

99, 1.005, 110.026

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 0.497, 109.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 1.005, 110.026 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(252, 252, 250)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 250)  
}
```

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(252, 252, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 1.005, 110.026 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(252, 252, 250) }
```

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

```
.border{ border-color:rgb(252, 252, 250) }
```

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

Here you see how a box with a 4 pixel rgb(252, 252, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 250);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 1.005, 110.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 250) }
```

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

```
.background{ background-color: rgb(252,  
252, 250) }
```

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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