

Converting Colors

CIE LCh(99, 1.513, 110.011)

Have a look what the booklet for
CIELCh(99, 1.513, 110.011) contains.

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Color

CIELCh(99, 1.514, 110.013)

Conversions

Conversions Part 1

Format	Color
Hex	FCFCF9
RGB	252, 252, 249
RGB Percent	99%, 99%, 98%
CMY	0.0105, 0.0105, 0.0223
CMYK	0.00, 0.00, 0.01, 0.01
HSL	60°, 36%, 98%
HSV	60°, 1%, 99%
XYZ	92.3199, 97.4360, 103.8241
YIQ	251.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

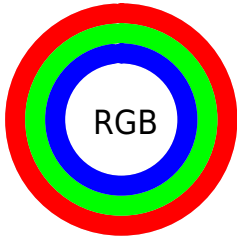
Format	Color
R _Y B	249, 252, 249
Decimal	16579833
CIE Lab	99.00, -0.52, 1.42
CIE LCh	99, 1.514, 110.013
Yxy	97.4360, 0.3145, 0.3319
Android (android.graphics.Color)	4294769913 (0xFFFCFCF9)
YUV	251.6580, -1.3104, 0.2999
Hunter-Lab	98.7097, -5.7968, 6.7348

Details

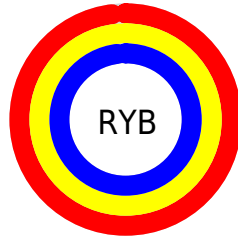
The CIELCh color 99, 1.514, 110.013 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 1.543, 290.400, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 1.058, 110.021 is the 20% darker color. If you saturate the color by 10%, you get 98, 14.317, 109.148, and if you desaturate by 10%, it is 99, 1.371, 290.811.

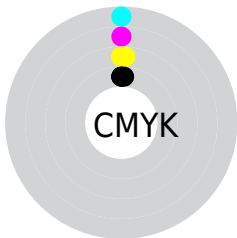
Distribution



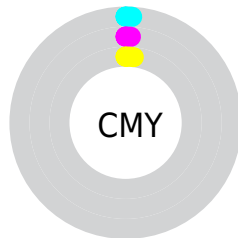
- Red (99%)
- Green (99%)
- Blue (98%)



- 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, 1.514, 110.013 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, 1.514, 110.013 by changing the saturation by 10% instead.

99, 1.514, 110.013

99, 1.514, 110.013

100, 1.514,
110.013

89, 1.514, 110.013

79, 1.514, 110.013

69, 1.514, 110.013

59, 1.514, 110.013

49, 1.514, 110.013

39, 1.514, 110.013

29, 1.514, 110.013

19, 1.514, 110.013

9, 1.514, 110.013

99, 1.514, 110.013

99, 1.514, 110.013

98, 14.317,
109.148

99, 1.371, 290.811

98, 27.022,
108.172

99, 1.372, 291.350

97, 39.532,
107.202

99, 1.372, 291.888

97, 51.688,
106.259

99, 1.374, 292.964

97, 63.246,
105.368

99, 1.374, 293.502

97, 73.835,
104.565

99, 1.377, 294.574

96, 82.939,
103.888

99, 1.378, 295.109

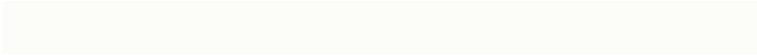
96, 89.937,
103.379

■ 96, 94.314,
103.069

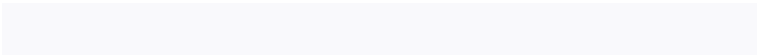
Harmonies

Complementary

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



99, 1.514, 110.013



98, 1.543, 290.400

Rectangle

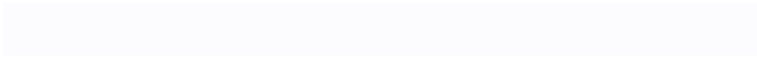
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 1.514, 110.013



99, 1.514, 160.013



99, 1.514, 290.013



99, 1.514, 340.013

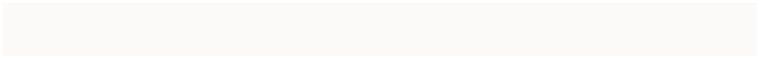
Sweetspot

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



99, 1.516, 110.072

100, 0.012, 296.813



98, 1.057, 18.858



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, 1.516, 110.072



100, 1.282, 110.080



99, 1.612, 129.104



52, 0.717, 110.082



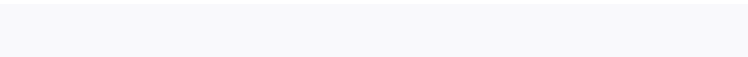
74, 77.280, 102.943



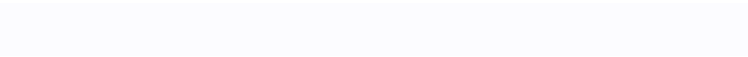
25, 34.379, 103.156

Inverse Universe

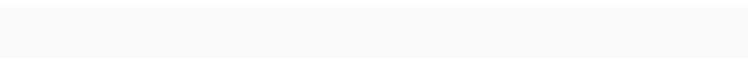
The Inverse Universe completely reimagines the original color for something new.



98, 1.543, 290.400



99, 1.308, 290.391



98, 1.636, 309.035



52, 0.732, 290.389



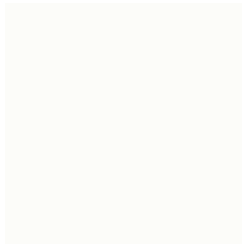
23, 106.701, 306.291



3, 42.030, 300.840

Previews

White Background



This preview shows how the CIE LCh color 99, 1.514, 110.013 looks on a white background.

Color Contrast Check

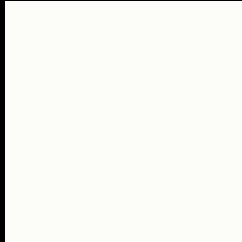
Large Text (above 18pt) WCAG AA × Fail

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, 1.514, 110.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

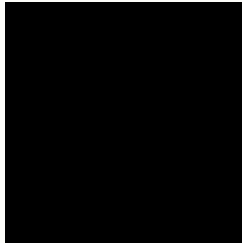
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

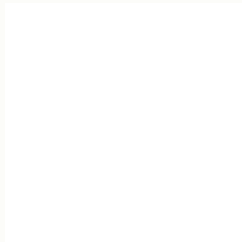
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 99, 1.514, 110.013

Background



This preview shows how black text looks on a background with the CIELCh color 99, 1.514, 110.013.



This preview shows how white text looks on a background with the CIELCh color 99, 1.514, 110.013.

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, 1.514, 110.013

Protanopia
99, 1.487, 38.999

Deuteranopia
99, 1.502, 359.268

Tritanopia
99, 1.581, 303.066

Trichromacy

Original Color

99, 1.514, 110.013

Protanomaly

99, 1.161, 44.805

Deuteranomaly

99, 1.054, 18.852

Tritanomaly

99, 0.631, 323.976

Monochromacy

Original Color

99, 1.514, 110.013

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, 1.514, 110.013 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 1.514, 110.013 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, 249) }
```

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

```
.border{ border-color:rgb(252, 252, 249) }
```

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, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 249);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 1.514, 110.013 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, 249) }
```

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

```
.background{ background-color: rgb(252,  
252, 249) }
```

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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