

Converting Colors

CIELCh(99, 1.874, 103.160)

Have a look what the booklet for
CIELCh(99, 1.874, 103.160) contains.

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Color

CIELCh(99, 1.550, 96.903)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FDFCF9 |
| RGB | 253, 252, 249 |
| RGB Percent | 99%, 99%, 98% |
| CMY | 0.0074, 0.0113, 0.0231 |
| CMYK | 0.00, 0.00, 0.02, 0.01 |
| HSL | 45°, 51%, 98% |
| HSV | 45°, 2%, 99% |
| XYZ | 92.5056, 97.4360, 103.6404 |
| YIQ | 251.9570, 1.5590, -0.7210 |

Conversions

Conversions Part 2

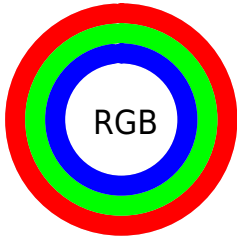
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 250, 253, 249 |
| Decimal | 16645369 |
| CIE Lab | 99.00, -0.19, 1.54 |
| CIE LCh | 99, 1.550, 96.903 |
| Yxy | 97.4360, 0.3151, 0.3319 |
| Android (android.graphics.Color) | 4294835449 (0xFFFD9CF9) |
| YUV | 251.9570, -1.4578, 0.9147 |
| Hunter-Lab | 98.7097, -5.4609, 6.8452 |

Details

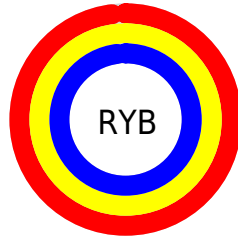
The CIELCh color 99, 1.550, 96.903 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 1.575, 277.631, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 1.116, 90.727 is the 20% darker color. If you saturate the color by 10%, you get 97, 11.513, 95.906, and if you desaturate by 10%, it is 100, 0.658, 200.371.

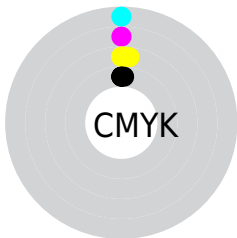
Distribution



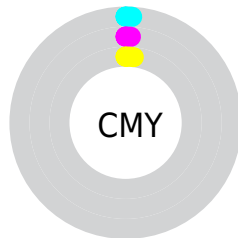
- Red (99%)
- Green (99%)
- Blue (98%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 1.550, 96.903 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, 1.550, 96.903 by changing the saturation by 10% instead.

 99, 1.550, 96.903

 99, 1.550, 96.903

 100, 1.550, 96.903

 89, 1.550, 96.903

 79, 1.550, 96.903

 69, 1.550, 96.903

 59, 1.550, 96.903

 49, 1.550, 96.903

 39, 1.550, 96.903

 29, 1.550, 96.903

 19, 1.550, 96.903

 9, 1.550, 96.903

99, 1.550, 96.903

99, 1.550, 96.903

97, 11.513, 95.906

100, 0.658,
200.371

95, 21.587, 94.679

93, 31.734, 93.409

91, 41.872, 92.106

89, 51.849, 90.772

87, 61.390, 89.403

85, 70.029, 87.979

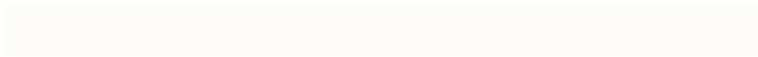
84, 77.042, 86.452

82, 81.555, 84.729

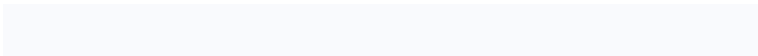
Harmonies

Complementary

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



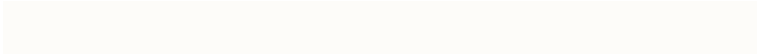
99, 1.550, 96.903



98, 1.575, 277.631

Rectangle

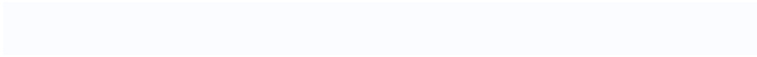
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 1.550, 96.903



99, 1.550, 146.903



99, 1.550, 276.903



99, 1.550, 326.903

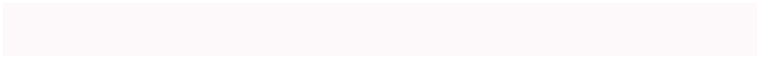
Sweetspot

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



99, 1.552, 96.978

100, 0.012, 296.813



98, 1.505, 359.272



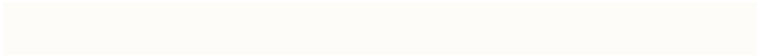
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



99, 1.552, 96.978



100, 1.979, 96.959



99, 2.055, 119.829



53, 1.125, 96.964



62, 67.535, 83.461



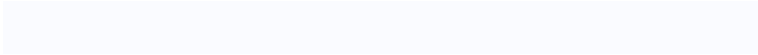
21, 29.471, 85.908

Inverse Universe

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



98, 1.575, 277.631



99, 2.003, 277.652



98, 2.084, 299.990



53, 1.139, 277.646



29, 89.172, 300.724



7, 35.701, 295.930

Previews

White Background



This preview shows how the CIElCh color 99, 1.550, 96.903 looks on a white background.

Color Contrast Check

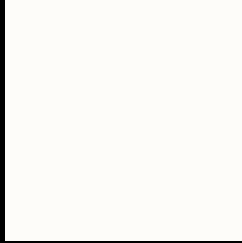
Large Text (above 18pt) WCAG AA × Fail

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, 1.550, 96.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

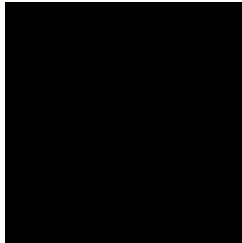
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 1.550, 96.903

Background



This preview shows how black text looks on a background with the CIELCh color 99, 1.550, 96.903.



This preview shows how white text looks on a background with the CIELCh color 99, 1.550, 96.903.

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, 1.550, 96.903

Protanopia

99, 1.487, 38.999

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.581, 303.066

Trichromacy

Original Color

99, 1.550, 96.903

Protanomaly

99, 1.161, 44.805

Deuteranomaly

99, 1.054, 18.852

Tritanomaly

99, 0.631, 323.976

Monochromacy

Original Color

99, 1.550, 96.903

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, 1.550, 96.903 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(253, 252, 249)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 252, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 252, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 1.550, 96.903 is called "border". The border property can be set on classes, ids or directly on the HTML element.

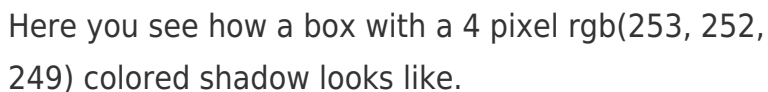
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 252, 249) }
```

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

```
.border{ border-color:rgb(253, 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(253, 252, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 252, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 252, 249);  
box-shadow:4px 4px 4px 4px rgb(253, 252,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 1.550, 96.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 252, 249) }
```

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

```
.background{ background-color: rgb(253,  
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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