

Converting Colors

CIELCh(99, 4.057, 109.638)

Have a look what the booklet for
CIELCh(99, 4.057, 109.638) contains.

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Color

CIELCh(99, 4.052, 109.855)

Conversions

Conversions Part 1

Format	Color
Hex	FDFDF5
RGB	253, 253, 245
RGB Percent	99%, 99%, 96%
CMY	0.0091, 0.0091, 0.0405
CMYK	0.00, 0.00, 0.03, 0.01
HSL	60°, 63%, 98%
HSV	60°, 3%, 99%
XYZ	91.8408, 97.4360, 100.0905
YIQ	252.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

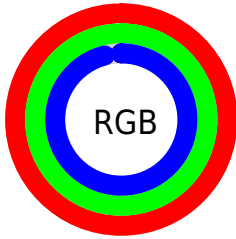
Format	Color
R _Y B	245, 253, 245
Decimal	16645621
CIE Lab	99.00, -1.38, 3.81
CIE LCh	99, 4.052, 109.855
Yxy	97.4360, 0.3174, 0.3367
Android (android.graphics.Color)	4294835701 (0xFFFFDFDF5)
YUV	252.0880, -3.4944, 0.7998
Hunter-Lab	98.7097, -6.6632, 8.9774

Details

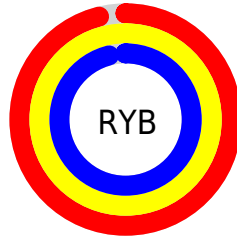
The CIELCh color 99, 4.052, 109.855 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 4.104, 290.532, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 3.721, 109.822 is the 20% darker color. If you saturate the color by 10%, you get 98, 16.856, 108.919, and if you desaturate by 10%, it is 99, 1.192, 290.502.

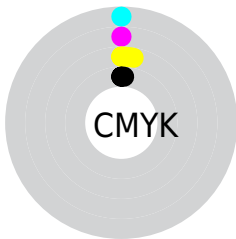
Distribution



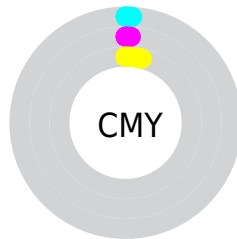
- Red (99%)
- Green (99%)
- Blue (96%)



- Red (96%)
- Yellow (99%)
- Blue (96%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)




- Cyan (1%)
- Magenta (1%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 4.052, 109.855 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, 4.052, 109.855 by changing the saturation by 10% instead.

 99, 4.052, 109.855

 99, 4.052, 109.855

 100, 4.052,
109.855

 89, 4.052, 109.855

 79, 4.052, 109.855

 69, 4.052, 109.855

 59, 4.052, 109.855

 49, 4.052, 109.855

 39, 4.052, 109.855

 29, 4.052, 109.855

 19, 4.052, 109.855

 9, 4.052, 109.855

99, 4.052, 109.855

99, 4.052, 109.855

98, 16.856,
108.919

99, 1.192, 290.502

99, 1.193, 290.752

98, 29.547,
107.941

99, 1.193, 291.002

98, 42.015,
106.973

99, 1.193, 291.253

99, 1.193, 291.503

97, 54.090,
106.037

99, 1.193, 291.753

97, 65.503,
105.159

99, 1.193, 292.003

97, 75.856,
104.375

99, 1.194, 292.253

99, 1.194, 292.503

97, 84.602,
103.726

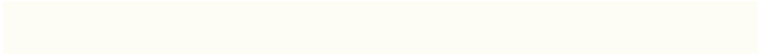
96, 91.119,
103.252

■ 96, 94.954,
102.979

Harmonies

Complementary

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



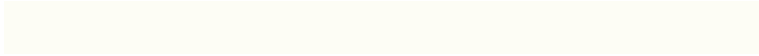
99, 4.052, 109.855



97, 4.104, 290.532

Rectangle

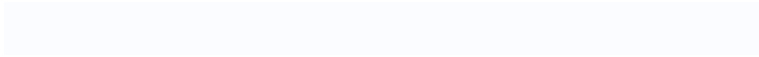
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 4.052, 109.855



99, 4.052, 159.855



99, 4.052, 289.855



99, 4.052, 339.855

Sweetspot

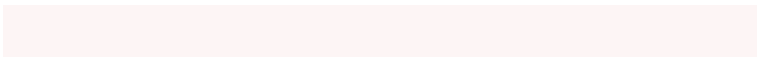
The Sweet Spot groups the original color and five complimentary colors.



99, 4.054, 109.878



100, 1.282, 110.045



97, 2.833, 19.366



53, 0.729, 110.047



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



99, 4.054, 109.878



100, 5.161, 109.801



99, 4.311, 128.963



53, 3.669, 109.731



75, 78.056, 102.889



26, 35.525, 103.026

Inverse Universe

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



97, 4.104, 290.532



97, 5.227, 290.613



97, 4.351, 309.175



51, 3.719, 290.688



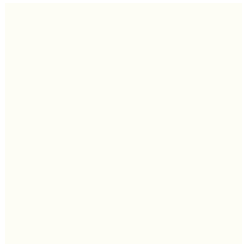
23, 107.778, 306.289



3, 44.128, 301.771

Previews

White Background



This preview shows how the CIE LCh color 99, 4.052, 109.855 looks on a white background.

Color Contrast Check

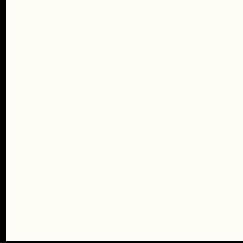
Large Text (above 18pt) WCAG AA × Fail

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, 4.052, 109.855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

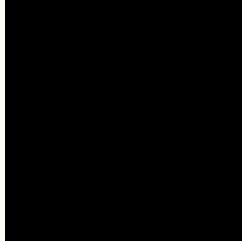
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

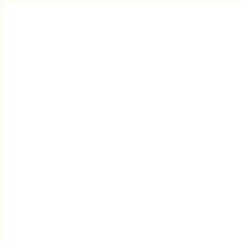
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 99, 4.052, 109.855

Background



This preview shows how black text looks on a background with the CIELCh color 99, 4.052, 109.855.



This preview shows how white text looks on a background with the CIELCh color 99, 4.052, 109.855.

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, 4.052, 109.855

Protanopia

99, 2.272, 82.227

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.581, 303.066

Trichromacy



Original Color

99, 4.052, 109.855

Protanomaly

99, 2.619, 94.320

Deuteranomaly

99, 1.662, 84.963

Tritanomaly

99, 0.605, 74.599

Monochromacy



Original Color

99, 4.052, 109.855



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.514, 110.013

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 4.052, 109.855 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, 253, 245)` looks like.

```
.text, #text, p{  
    color:rgb(253, 253, 245)  
}
```

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, 253, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 253, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 4.052, 109.855 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, 253, 245) }
```

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

```
.border{ border-color:rgb(253, 253, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 253, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 253, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 253, 245);  
box-shadow:4px 4px 4px 4px rgb(253, 253,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 4.052, 109.855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 253, 245) }
```

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

```
.background{ background-color: rgb(253,  
253, 245) }
```

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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