

Converting Colors

CIELCh(99, 5.685, 102.643)

Have a look what the booklet for
CIELCh(99, 5.685, 102.643) contains.

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Color

CIELCh(99, 5.616, 102.454)

Conversions

Conversions Part 1

Format	Color
Hex	FEFCF1
RGB	254, 252, 241
RGB Percent	100%, 99%, 95%
CMY	0.0022, 0.0100, 0.0531
CMYK	0.00, 0.01, 0.05, 0.00
HSL	51°, 92%, 97%
HSV	51°, 5%, 100%
XYZ	91.9329, 97.4360, 97.5298
YIQ	251.3440, 4.7230, -2.9970

Conversions

Conversions Part 2

Format	Color
R_{YB}	243, 254, 241
Decimal	16710897
CIE _{Lab}	99.00, -1.21, 5.48
CIE _{LCh}	99, 5.616, 102.454
Yxy	97.4360, 0.3204, 0.3396
Android (android.graphics.Color)	4294900977 (0xFFFEFCF1)
YUV	251.3440, -5.0996, 2.3293
Hunter-Lab	98.7097, -6.4967, 10.5155

Details

The CIELCh color 99, 5.616, 102.454 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 5.678, 283.662, 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, 5.368, 101.646 is the 20% darker color. If you saturate the color by 10%, you get 97, 16.670, 101.375, and if you desaturate by 10%, it is 100, 0.190, 202.876.

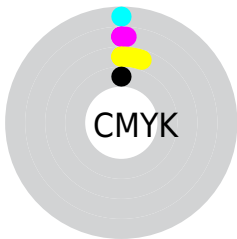
Distribution



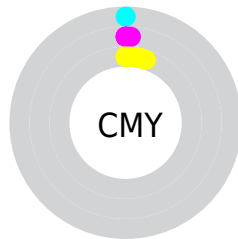
- Red (100%)
- Green (99%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (95%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 99, 5.616, 102.454 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, 5.616, 102.454 by changing the saturation by 10% instead.


 99, 5.616, 102.454


 99, 5.616, 102.454

 100, 5.616,
102.454


 89, 5.616, 102.454


 79, 5.616, 102.454


 69, 5.616, 102.454

 59, 5.616, 102.454

 49, 5.616, 102.454

 39, 5.616, 102.454

 29, 5.616, 102.454

 19, 5.616, 102.454

 9, 5.616, 102.454

99, 5.616, 102.454

99, 5.616, 102.454

97, 16.670,
101.375

100, 0.190,
202.876

96, 27.730,
100.234

95, 38.720, 99.071

93, 49.501, 97.900

92, 59.841, 96.732

91, 69.355, 95.576

90, 77.461, 94.436

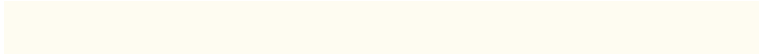
89, 83.400, 93.301

87, 86.502, 92.136

Harmonies

Complementary

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



99, 5.616, 102.454



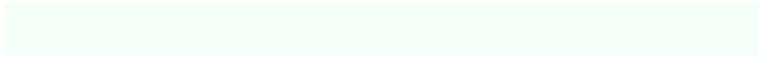
96, 5.678, 283.662

Rectangle

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



99, 5.616, 102.454



99, 5.616, 152.454



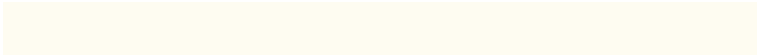
99, 5.616, 282.454



99, 5.616, 332.454

Sweetspot

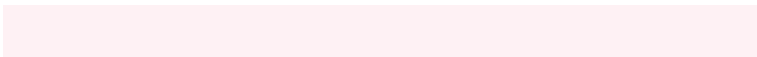
The Sweet Spot groups the original color and five complimentary colors.



99, 5.618, 102.474



100, 2.194, 102.770



96, 4.760, 6.152



53, 1.247, 102.777



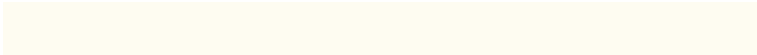
0, 0.000, 0.000



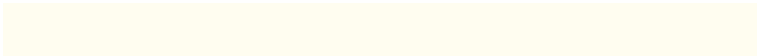
53, 0.007, 296.813

Same Dimension

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



99, 5.618, 102.474



99, 6.611, 102.380



99, 6.782, 122.783



53, 4.386, 102.310



67, 70.435, 91.767



23, 31.527, 93.385

Inverse Universe

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



96, 5.678, 283.662



96, 6.685, 283.763



96, 6.864, 303.319



51, 4.438, 283.839



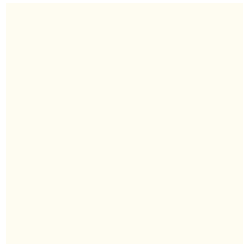
26, 98.842, 303.845



5, 39.242, 298.811

Previews

White Background



This preview shows how the CIE LCh color 99, 5.616, 102.454 looks on a white background.

Color Contrast Check

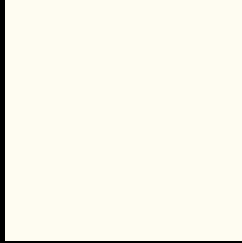
Large Text (above 18pt) WCAG AA × Fail

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, 5.616, 102.454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

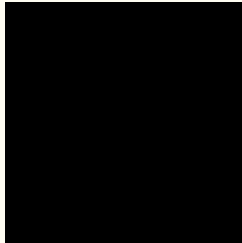
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 5.616, 102.454

Background



This preview shows how black text looks on a background with the CIELCh color 99, 5.616, 102.454.

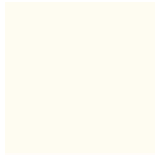


This preview shows how white text looks on a background with the CIELCh color 99, 5.616, 102.454.

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, 5.616, 102.454



Protanopia

99, 2.272, 82.227

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 2.171, 309.072

Trichromacy



Original Color

99, 5.616, 102.454

Protanomaly

99, 3.207, 90.598

Deuteranomaly

99, 2.272, 82.227

Tritanomaly

99, 1.220, 74.868

Monochromacy



Original Color

99, 5.616, 102.454



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 2.048, 100.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 5.616, 102.454 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(254, 252, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 252, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 5.616, 102.454 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, 241) }
```

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

```
.border{ border-color:rgb(254, 252, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 252, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 252, 241);  
box-shadow:4px 4px 4px 4px rgb(254, 252,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 5.616, 102.454 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, 241) }
```

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

```
.background{ background-color: rgb(254,  
252, 241) }
```

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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