

Converting Colors

CIELCh(99, 5.407, 103.589)

Have a look what the booklet for
CIELCh(99, 5.407, 103.589) contains.

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Color

CIELCh(99, 5.582, 106.091)

Conversions

Conversions Part 1

Format	Color
Hex	FEFDF2
RGB	254, 253, 242
RGB Percent	100%, 99%, 95%
CMY	0.0052, 0.0091, 0.0523
CMYK	0.00, 0.00, 0.05, 0.01
HSL	55°, 82%, 97%
HSV	55°, 5%, 99%
XYZ	91.7456, 97.4360, 97.7128
YIQ	252.0450, 4.1270, -3.2090

Conversions

Conversions Part 2

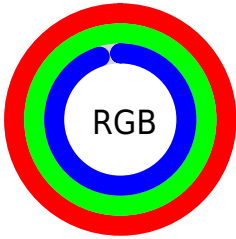
Format	Color
R _Y B	243, 254, 242
Decimal	16711154
CIE Lab	99.00, -1.55, 5.36
CIE LCh	99, 5.582, 106.091
Yxy	97.4360, 0.3198, 0.3396
Android (android.graphics.Color)	4294901234 (0xFFFEFDF2)
YUV	252.0450, -4.9522, 1.7145
Hunter-Lab	98.7097, -6.8354, 10.4056

Details

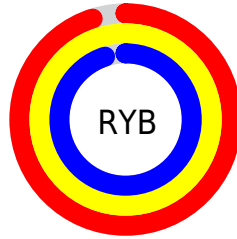
The CIELCh color 99, 5.582, 106.091 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 5.652, 287.140, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 5.327, 105.652 is the 20% darker color. If you saturate the color by 10%, you get 98, 17.414, 105.076, and if you desaturate by 10%, it is 100, 0.404, 217.690.

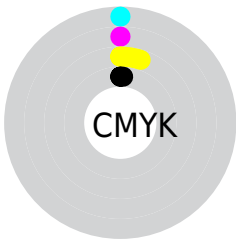
Distribution



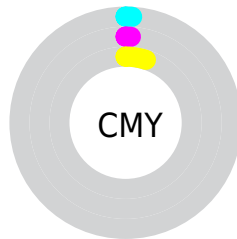
- Red (100%)
- Green (99%)
- Blue (95%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 5.582, 106.091 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, 5.582, 106.091 by changing the saturation by 10% instead.

 99, 5.582, 106.091

 99, 5.582, 106.091

 100, 5.582,
106.091

 89, 5.582, 106.091

 79, 5.582, 106.091

 69, 5.582, 106.091

 59, 5.582, 106.091

 49, 5.582, 106.091

 39, 5.582, 106.091

 29, 5.582, 106.091

 19, 5.582, 106.091

 9, 5.582, 106.091

99, 5.582, 106.091

99, 5.582, 106.091

98, 17.414,
105.076

100, 0.404,
217.690

97, 29.190,
104.013

100, 0.464,
200.804

96, 40.817,
102.944

95, 52.135,
101.887

94, 62.887,
100.860

93, 72.673, 99.886

93, 80.912, 98.989

92, 86.907, 98.189

92, 90.109, 97.484

Harmonies

Complementary

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



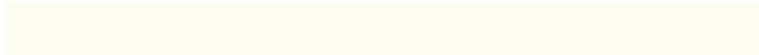
99, 5.582, 106.091



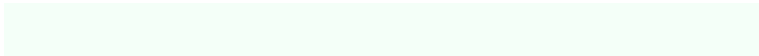
96, 5.652, 287.140

Rectangle

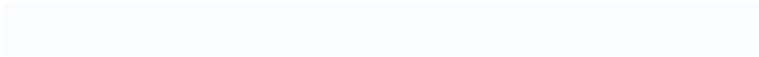
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 5.582, 106.091



99, 5.582, 156.091



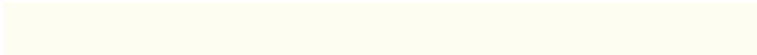
99, 5.582, 286.091



99, 5.582, 336.091

Sweetspot

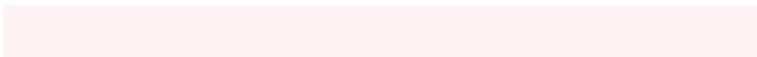
The Sweet Spot groups the original color and five complimentary colors.



99, 5.584, 106.109



100, 1.176, 106.414



96, 4.300, 12.731



53, 0.668, 106.414



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, 5.584, 106.109



99, 7.118, 105.982



99, 6.354, 125.896



53, 4.722, 105.916



71, 73.559, 97.243



24, 33.289, 98.153

Inverse Universe

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



96, 5.652, 287.140



95, 7.215, 287.277



96, 6.421, 306.319



50, 4.790, 287.349



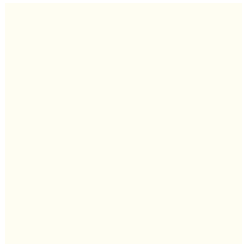
24, 103.918, 305.276



4, 41.492, 300.295

Previews

White Background



This preview shows how the CIE LCh color 99, 5.582, 106.091 looks on a white background.

Color Contrast Check

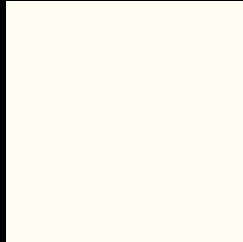
Large Text (above 18pt) WCAG AA × Fail

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, 5.582, 106.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

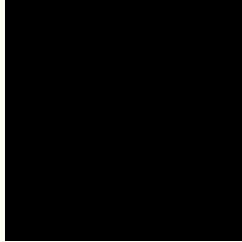
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 5.582, 106.091

Background



This preview shows how black text looks on a background with the CIELCh color 99, 5.582, 106.091.



This preview shows how white text looks on a background with the CIELCh color 99, 5.582, 106.091.

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, 5.582, 106.091

Protanopia
99, 2.272, 82.227

Deuteranopia
99, 1.406, 19.030

Tritanopia
99, 1.581, 303.066

Trichromacy



Original Color

99, 5.582, 106.091

Protanomaly

99, 3.207, 90.598

Deuteranomaly

99, 2.272, 82.227

Tritanomaly

99, 1.061, 90.708

Monochromacy



Original Color

99, 5.582, 106.091



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, 5.582, 106.091 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, 253, 242)` looks like.

```
.text, #text, p{  
    color:rgb(254, 253, 242)  
}
```

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, 253, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 253, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 5.582, 106.091 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, 253, 242) }
```

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

```
.border{ border-color:rgb(254, 253, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 253, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 253, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 253, 242);  
box-shadow:4px 4px 4px 4px rgb(254, 253,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 5.582, 106.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 253, 242) }
```

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

```
.background{ background-color: rgb(254,  
253, 242) }
```

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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