

Converting Colors

CIELCh(99, 6.687, 105.996)

Have a look what the booklet for
CIELCh(99, 6.687, 105.996) contains.

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Color

CIELCh(99, 6.595, 106.569)

Conversions

Conversions Part 1

Format	Color
Hex	FEFDF0
RGB	254, 253, 240
RGB Percent	100%, 99%, 94%
CMY	0.0047, 0.0086, 0.0596
CMYK	0.00, 0.00, 0.06, 0.00
HSL	56°, 85%, 97%
HSV	56°, 6%, 100%
XYZ	91.5599, 97.4360, 96.2645
YIQ	251.8170, 4.7690, -3.8310

Conversions

Conversions Part 2

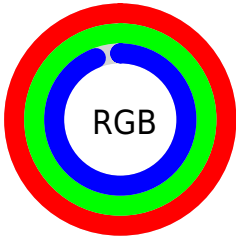
Format	Color
R _Y B	241, 254, 240
Decimal	16711152
CIE Lab	99.00, -1.88, 6.32
CIE LCh	99, 6.595, 106.569
Yxy	97.4360, 0.3210, 0.3416
Android (android.graphics.Color)	4294901232 (0xFFFEFD0)
YUV	251.8170, -5.8258, 1.9145
Hunter-Lab	98.7097, -7.1712, 11.2755

Details

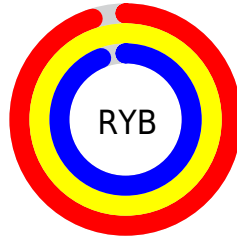
The CIELCh color 99, 6.595, 106.569 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95, 6.685, 287.765, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 6.389, 106.214 is the 20% darker color. If you saturate the color by 10%, you get 98, 18.569, 105.557, and if you desaturate by 10%, it is 100, 0.348, 236.481.

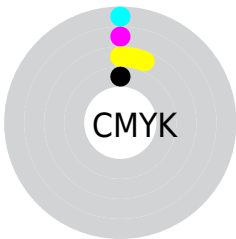
Distribution



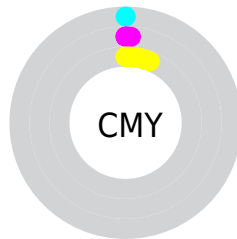
- Red (100%)
- Green (99%)
- Blue (94%)



- Red (95%)
- Yellow (100%)
- Blue (94%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 6.595, 106.569 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, 6.595, 106.569 by changing the saturation by 10% instead.

 99, 6.595, 106.569

 99, 6.595, 106.569

 100, 6.595,
106.569

 89, 6.595, 106.569

 79, 6.595, 106.569

 69, 6.595, 106.569

 59, 6.595, 106.569

 49, 6.595, 106.569

 39, 6.595, 106.569

 29, 6.595, 106.569

 19, 6.595, 106.569

 9, 6.595, 106.569

99, 6.595, 106.569

99, 6.595, 106.569

98, 18.569,
105.557

100, 0.348,
236.481

97, 30.472,
104.506

100, 0.417,
200.969

96, 42.200,
103.453

95, 53.586,
102.416

95, 64.358,
101.416

94, 74.097,
100.479

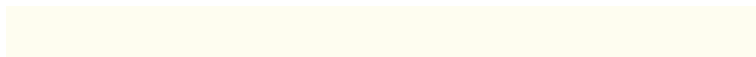
93, 82.211, 99.630

93, 88.013, 98.892

Harmonies

Complementary

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



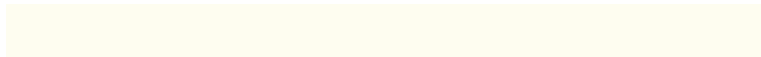
99, 6.595, 106.569



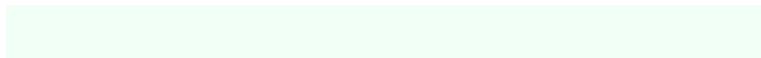
95, 6.685, 287.765

Rectangle

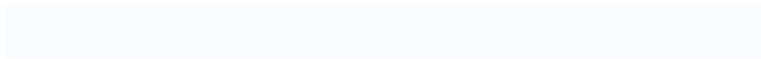
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 6.595, 106.569



99, 6.595, 156.569



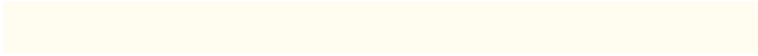
99, 6.595, 286.569



99, 6.595, 336.569

Sweetspot

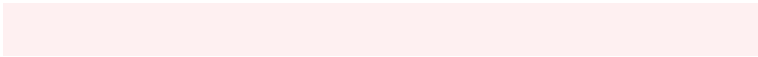
The Sweet Spot groups the original color and five complimentary colors.



99, 6.597, 106.585



100, 2.394, 106.915



96, 5.029, 12.817



53, 1.361, 106.922



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, 6.597, 106.585



99, 8.409, 106.435



99, 7.416, 125.856



53, 5.464, 106.374



71, 74.153, 98.100



24, 33.600, 98.893

Inverse Universe

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



95, 6.685, 287.765



95, 8.538, 287.928



96, 7.499, 306.360



50, 5.553, 287.995



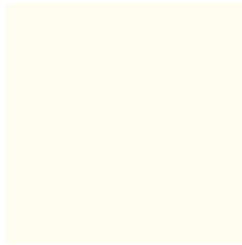
24, 104.562, 305.449



4, 41.869, 300.521

Previews

White Background



This preview shows how the CIE LCh color 99, 6.595, 106.569 looks on a white background.

Color Contrast Check

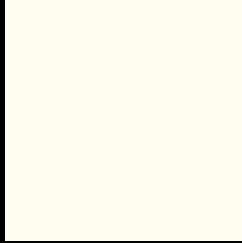
Large Text (above 18pt) WCAG AA × Fail

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, 6.595, 106.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

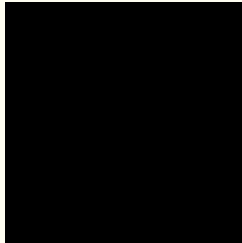
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 6.595, 106.569

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.595, 106.569.

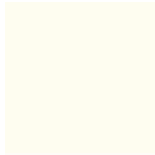


This preview shows how white text looks on a background with the CIELCh color 99, 6.595, 106.569.

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, 6.595, 106.569



Protanopia
99, 2.732, 87.135

Deuteranopia
99, 1.406, 19.030

Tritanopia
99, 1.581, 303.066

Trichromacy



Original Color

99, 6.595, 106.569

Protanomaly

99, 4.181, 95.099

Deuteranomaly

99, 2.732, 87.135

Tritanomaly

99, 1.550, 96.903

Monochromacy



Original Color

99, 6.595, 106.569



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, 6.595, 106.569 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(254, 253, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 253, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 6.595, 106.569 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, 240) }
```

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

```
.border{ border-color:rgb(254, 253, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 253, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 253, 240);  
box-shadow:4px 4px 4px 4px rgb(254, 253,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 6.595, 106.569 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, 240) }
```

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

```
.background{ background-color: rgb(254,  
253, 240) }
```

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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