

Converting Colors

CIELCh(100, 10.768, 57.427)

Have a look what the booklet for
CIELCh(100, 10.768, 57.427)
contains.

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Color

CIELCh(99, 6.739, 97.389)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCEF
RGB	255, 252, 239
RGB Percent	100%, 99%, 94%
CMY	0.0000, 0.0111, 0.0622
CMYK	0.00, 0.01, 0.06, 0.00
HSL	49°, 100%, 97%
HSV	49°, 6%, 100%
XYZ	92.1251, 97.4360, 95.7211
YIQ	251.4150, 5.9610, -3.4070

Conversions

Conversions Part 2

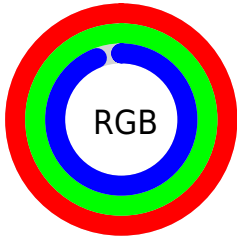
Format	Color
R_{YB}	243, 255, 239
Decimal	16776431
CIE _{Lab}	99.00, -0.87, 6.68
CIE _{LCh}	99, 6.739, 97.389
Yxy	97.4360, 0.3229, 0.3415
Android (android.graphics.Color)	4294966511 (0xFFFFFCEF)
YUV	251.4150, -6.1206, 3.1440
Hunter-Lab	98.7097, -6.1491, 11.6019

Details

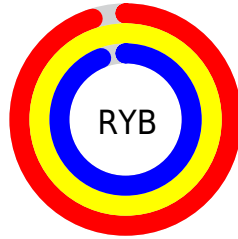
The CIELCh color 99, 6.739, 97.389 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 6.738, 282.368, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 6.477, 99.529 is the 20% darker color. If you saturate the color by 10%, you get 97, 17.463, 99.770, and if you desaturate by 10%, it is 100, 0.012, 296.813.

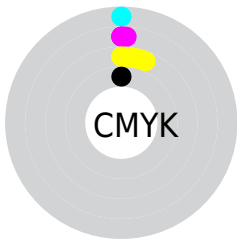
Distribution



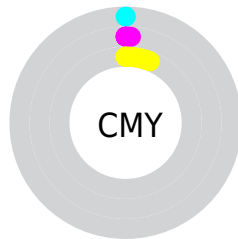
- Red (100%)
- Green (99%)
- Blue (94%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 6.739, 97.389 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, 6.739, 97.389 by changing the saturation by 10% instead.



99, 6.739, 97.389

99, 6.739, 97.389

97, 17.463, 99.770

100, 0.012,
296.813

96, 28.285, 98.596

94, 39.057, 97.398

93, 49.642, 96.184

91, 59.804, 94.965

90, 69.149, 93.742

88, 77.074, 92.511

87, 82.787, 91.244

86, 85.611, 89.887

Harmonies

Complementary

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



99, 6.739, 97.389



96, 6.738, 282.368

Rectangle

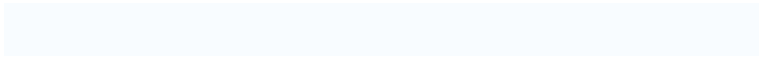
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 6.739, 97.389



99, 6.739, 147.389



99, 6.739, 277.389



99, 6.739, 327.389

Sweetspot

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



99, 6.669, 100.901



100, 2.134, 101.318



96, 5.852, 4.993



53, 1.213, 101.325



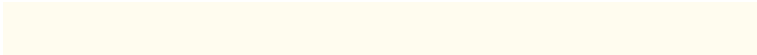
0, 0.000, 0.000



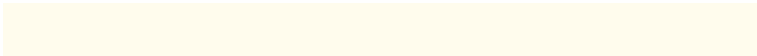
53, 0.007, 296.813

Same Dimension

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



99, 6.669, 100.901



99, 7.510, 100.816



99, 8.248, 122.089



53, 4.881, 100.749



66, 69.490, 89.617



22, 30.929, 91.486

Inverse Universe

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



96, 6.738, 282.368



95, 7.592, 282.461



95, 8.361, 302.774



50, 4.937, 282.533



27, 96.506, 303.142



6, 38.394, 298.187

Previews

White Background



This preview shows how the CIE LCh color 99, 6.739, 97.389 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 CIELCh color 99, 6.739, 97.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

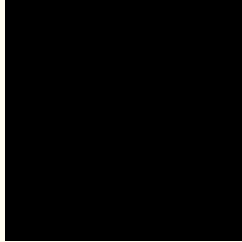
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 6.739, 97.389

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.739, 97.389.



This preview shows how white text looks on a background with the CIELCh color 99, 6.739, 97.389.

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

A vertical bar on the left side of the page is divided into three colored sections: a yellow top section, a light orange middle section, and a light pink bottom section. These sections correspond to the 'Original Color', 'Protanopia', and 'Deuteranopia' labels respectively.

Original Color

99, 6.670, 100.411

Protanopia

99, 2.888, 80.608

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 2.171, 309.072

Trichromacy

Original Color
99, 6.670, 100.411

Protanomaly
99, 3.809, 88.002

Deuteranomaly
99, 2.456, 74.858

Tritanomaly
99, 1.450, 63.329

Monochromacy

Original Color
99, 6.670, 100.411

Achromatopsia
99, 0.012, 296.813

Achromatomaly
99, 2.551, 102.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 6.739, 97.389 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(255, 252, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 239)  
}
```

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(255, 252, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 6.739, 97.389 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(255, 252, 239) }
```

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

```
.border{ border-color:rgb(255, 252, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 6.739, 97.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 239) }
```

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

```
.background{ background-color: rgb(255,  
252, 239) }
```

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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