

Converting Colors

CIELCh(99, 7.456, 98.788)

Have a look what the booklet for
CIELCh(99, 7.456, 98.788) contains.

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Color

CIELCh(99, 7.172, 101.013)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCEE
RGB	255, 252, 238
RGB Percent	100%, 99%, 93%
CMY	0.0000, 0.0100, 0.0650
CMYK	0.00, 0.01, 0.06, 0.00
HSL	51°, 100%, 97%
HSV	51°, 6%, 100%
XYZ	91.8442, 97.4360, 95.1872
YIQ	251.3010, 6.2820, -3.7180

Conversions

Conversions Part 2

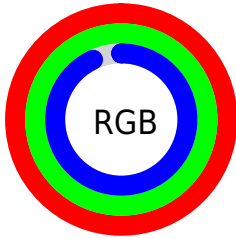
Format	Color
R _Y B	242, 255, 238
Decimal	16776430
CIE Lab	99.00, -1.37, 7.04
CIE LCh	99, 7.172, 101.013
Yxy	97.4360, 0.3229, 0.3425
Android (android.graphics.Color)	4294966510 (0xFFFFFCEE)
YUV	251.3010, -6.5574, 3.2440
Hunter-Lab	98.7097, -6.6570, 11.9226

Details

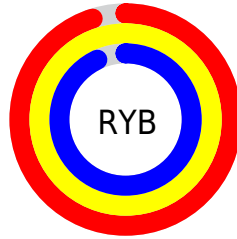
The CIELCh color 99, 7.172, 101.013 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95, 7.237, 283.771, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 7.002, 100.224 is the 20% darker color. If you saturate the color by 10%, you get 97, 18.219, 101.167, and if you desaturate by 10%, it is 100, 0.012, 296.813.

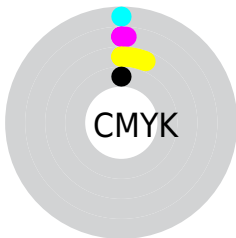
Distribution



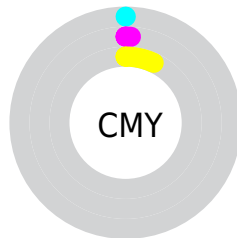
- Red (100%)
- Green (99%)
- Blue (93%)



- Red (95%)
- Yellow (100%)
- Blue (93%)



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




- Cyan (0%)
- Magenta (1%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 99, 7.172, 101.013 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, 7.172, 101.013 by changing the saturation by 10% instead.

 99, 7.172, 101.013

 99, 7.172, 101.013

 100, 7.172,
101.013

 89, 7.172, 101.013


 79, 7.172, 101.013


 69, 7.172, 101.013

 59, 7.172, 101.013

 49, 7.172, 101.013

 39, 7.172, 101.013

 29, 7.172, 101.013

 19, 7.172, 101.013

 9, 7.172, 101.013

99, 7.172, 101.013

99, 7.172, 101.013

97, 18.219,
101.167

100, 0.012,
296.813

96, 29.286,
100.021

95, 40.267, 98.855

93, 51.016, 97.682

92, 61.281, 96.513

91, 70.654, 95.356

90, 78.519, 94.215

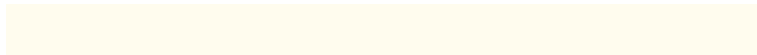
88, 84.105, 93.074

87, 86.797, 91.894

Harmonies

Complementary

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



99, 7.172, 101.013



95, 7.237, 283.771

Rectangle

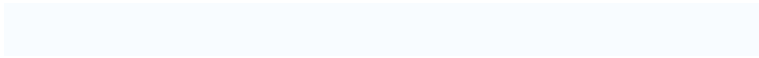
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 7.172, 101.013



99, 7.172, 151.013



99, 7.172, 281.013



99, 7.172, 331.013

Sweetspot

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



99, 7.154, 102.276



100, 2.191, 102.720



96, 6.085, 6.311



53, 1.246, 102.727



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, 7.154, 102.276



99, 8.814, 102.114



99, 8.641, 122.705



52, 6.268, 101.949



67, 70.399, 91.691



23, 31.505, 93.319

Inverse Universe

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



95, 7.237, 283.771



94, 8.929, 283.949



95, 8.760, 303.401



49, 6.360, 284.133



26, 98.763, 303.822



5, 39.213, 298.790

Previews

White Background



This preview shows how the CIE LCh color 99, 7.172, 101.013 looks on a white background.

Color Contrast Check

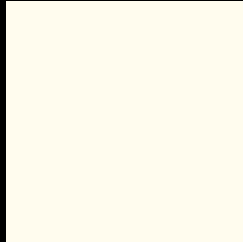
Large Text (above 18pt) WCAG AA × Fail

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, 7.172, 101.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

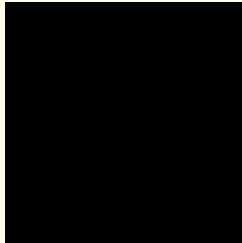
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 7.172, 101.013

Background



This preview shows how black text looks on a background with the CIELCh color 99, 7.172, 101.013.

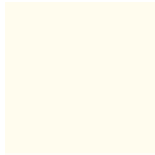


This preview shows how white text looks on a background with the CIELCh color 99, 7.172, 101.013.

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, 7.172, 101.013



Protanopia
99, 2.732, 87.135

Deuteranopia
99, 1.406, 19.030

Tritanopia
99, 2.171, 309.072

Trichromacy

Original Color
99, 7.172, 101.013

Protanomaly
99, 4.181, 95.099

Deuteranomaly
99, 3.207, 90.598

Tritanomaly
99, 1.662, 84.963

Monochromacy

Original Color
99, 7.172, 101.013

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, 7.172, 101.013 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 7.172, 101.013 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, 238) }
```

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

```
.border{ border-color:rgb(255, 252, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 7.172, 101.013 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, 238) }
```

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

```
.background{ background-color: rgb(255,  
252, 238) }
```

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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