

Converting Colors

CIELCh(100, 13.732, 74.246)

Have a look what the booklet for
CIELCh(100, 13.732, 74.246)
contains.

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Color

CIElCh(99, 11.203, 103.755)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDE7
RGB	255, 253, 231
RGB Percent	100%, 99%, 91%
CMY	0.0000, 0.0080, 0.0943
CMYK	0.00, 0.01, 0.09, 0.00
HSL	55°, 100%, 95%
HSV	55°, 9%, 100%
XYZ	91.1250, 97.4360, 89.5650
YIQ	251.0900, 8.2540, -6.4180

Conversions

Conversions Part 2

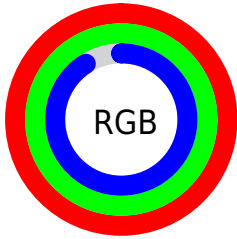
Format	Color
R_{YB}	233, 255, 231
Decimal	16776679
CIE Lab	99.00, -2.66, 10.88
CIE LCh	99, 11.203, 103.755
Yxy	97.4360, 0.3276, 0.3503
Android (android.graphics.Color)	4294966759 (0xFFFFFDE7)
YUV	251.0900, -9.9044, 3.4291
Hunter-Lab	98.7097, -7.9576, 15.2996

Details

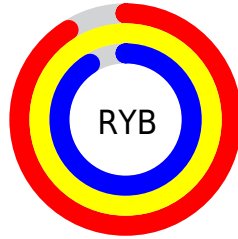
The CIELCh color **99, 11.203, 103.755** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 11.388, 287.596**, and the grayscale version is **99, 0.012, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 11.185, 105.227** is the 20% darker color. If you saturate the color by 10%, you get **98, 23.026, 104.501**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

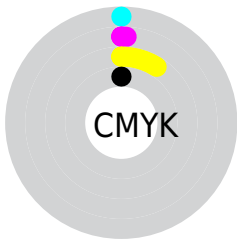
Distribution



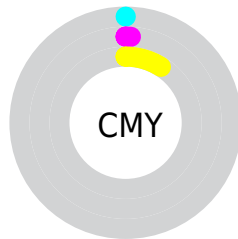
- Red (100%)
- Green (99%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (91%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 99, 11.203, 103.755 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, 11.203, 103.755 by changing the saturation by 10% instead.


 99, 11.203,
103.755


 99, 11.203,
103.755


 100, 11.203,
103.755


 89, 11.203,
103.755

 79, 11.203,
103.755

 69, 11.203,
103.755

 59, 11.203,
103.755

 49, 11.203,
103.755

 39, 11.203,
103.755

 29, 11.203,

103.755

■ 19, 11.203,
103.755

■ 9, 11.203, 103.755

■ 99, 11.203,
103.755

■ 99, 11.203,
103.755

■ 98, 23.026,
104.501

100, 0.012,
296.813

■ 97, 34.781,
103.431

■ 96, 46.321,
102.363

■ 95, 57.448,
101.314

■ 94, 67.841,
100.305

■ 94, 77.013, 99.360

■ 93, 84.309, 98.501

■ 92, 89.045, 97.739

■ 92, 91.061, 97.058

Harmonies

Complementary

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



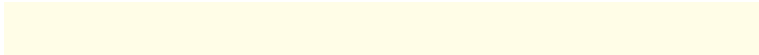
99, 11.203, 103.755



93, 11.388, 287.596

Rectangle

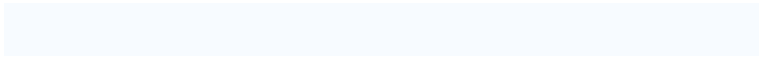
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 11.203, 103.755



99, 11.203, 153.755



99, 11.203, 283.755



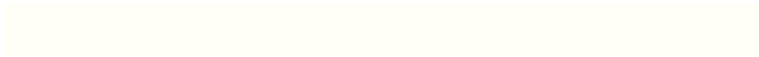
99, 11.203, 333.755

Sweetspot

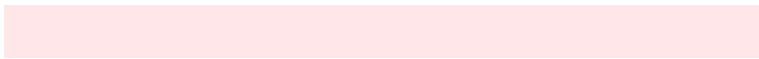
The Sweet Spot groups the original color and five complimentary colors.



99, 11.180, 105.555



100, 3.547, 106.202



94, 8.773, 11.874



53, 2.691, 106.126



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, 11.180, 105.555



99, 13.039, 105.392



99, 12.702, 125.042



53, 6.739, 105.547



71, 73.482, 97.128



24, 33.249, 98.054

Inverse Universe

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



93, 11.388, 287.596



92, 13.317, 287.784



93, 12.914, 305.976



49, 6.865, 287.605



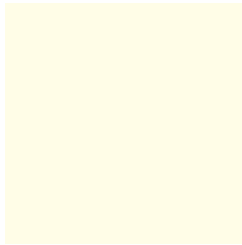
24, 103.828, 305.252



4, 41.442, 300.264

Previews

White Background



This preview shows how the CIE LCh color 99, 11.203, 103.755 looks on a white background.

Color Contrast Check

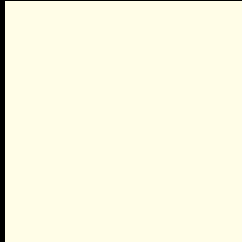
Large Text (above 18pt) WCAG AA × Fail

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, 11.203, 103.755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

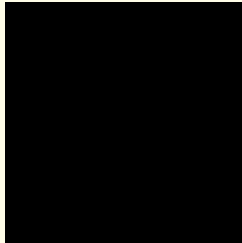
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 11.203, 103.755

Background



This preview shows how black text looks on a background with the CIELCh color 99, 11.203, 103.755.



This preview shows how white text looks on a background with the CIELCh color 99, 11.203, 103.755.

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, 11.168, 105.613




Protanopia
99, 3.691, 93.151

Deuteranopia
99, 1.487, 38.999

Tritanopia
99, 2.311, 317.261

Trichromacy




Original Color
99, 11.168, 105.613

Protanomaly
99, 6.169, 99.705

Deuteranomaly
99, 4.674, 96.630

Tritanomaly
99, 3.112, 96.790

Monochromacy



Original Color
99, 11.168, 105.613



Achromatopsia
99, 0.012, 296.813



Achromatomaly
99, 4.055, 109.853

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 11.203, 103.755 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, 253, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 231)  
}
```

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, 253, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 11.203, 103.755 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, 253, 231) }
```

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

```
.border{ border-color:rgb(255, 253, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 11.203, 103.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 231) }
```

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

```
.background{ background-color: rgb(255,  
253, 231) }
```

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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