

Converting Colors

CIELCh(100, 30.326, 114.750)

Have a look what the booklet for
CIELCh(100, 30.326, 114.750)
contains.

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Color

CIElCh(99, 27.288, 111.267)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFCA
RGB	252, 255, 202
RGB Percent	99%, 100%, 79%
CMY	0.0103, 0.0000, 0.2066
CMYK	0.01, 0.00, 0.21, 0.00
HSL	63°, 100%, 90%
HSV	63°, 21%, 100%
XYZ	87.1724, 97.4360, 70.2828
YIQ	248.0610, 15.2250, -17.1190

Conversions

Conversions Part 2

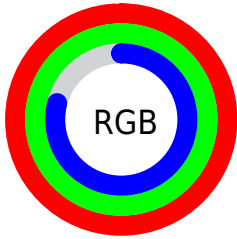
Format	Color
R_{YB}	202, 255, 205
Decimal	16580554
CIE _{Lab}	99.00, -9.90, 25.43
CIE _{LCh}	99, 27.288, 111.267
Yxy	97.4360, 0.3420, 0.3823
Android (android.graphics.Color)	4294770634 (0xFFFCFFCA)
YUV	248.0610, -22.7081, 3.4545
Hunter-Lab	98.7097, -15.1051, 26.8814

Details

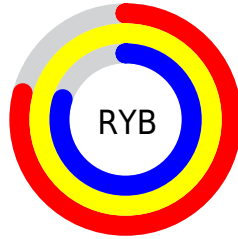
The CIELCh color **99, 27.288, 111.267** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 27.922, 294.308**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 26.432, 110.341** is the 20% darker color. If you saturate the color by 10%, you get **98, 39.245, 109.390**, and if you desaturate by 10%, it is **99, 13.771, 111.189**.

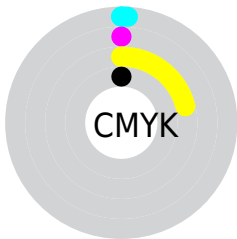
Distribution



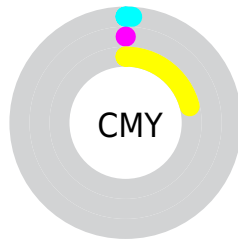
- Red (99%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 27.288, 111.267 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, 27.288, 111.267 by changing the saturation by 10% instead.


 99, 27.288,
111.267


 99, 27.288,
111.267

 100, 27.288,
111.267


 89, 27.288,
111.267

 79, 27.288,
111.267

 69, 27.288,
111.267

 59, 27.288,
111.267

 49, 27.288,
111.267

 39, 27.288,
111.267

 29, 27.288,

111.267

■ 19, 27.288,
111.267

■ 9, 27.288, 111.267

■ 99, 27.288,
111.267

■ 99, 27.288,
111.267

■ 98, 39.245,
109.390

■ 99, 13.771,
111.189

■ 98, 51.537,
108.518

■ 100, 0.845,
112.021

■ 97, 63.240,
107.702

■ 100, 0.012,
296.813

■ 97, 73.994,
106.981

■ 97, 83.285,
106.404

■ 96, 90.493,
106.028

■ 96, 95.081,
105.899

■ 96, 97.106,
105.993

Harmonies

Complementary

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



99, 27.288, 111.267



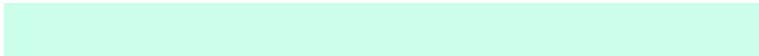
83, 27.922, 294.308

Rectangle

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



99, 27.288, 111.267



99, 27.288, 161.267



99, 27.288, 291.267



99, 27.288, 341.267

Sweetspot

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



99, 26.605, 110.288



100, 7.753, 111.604



86, 19.333, 23.535



53, 5.143, 111.546



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

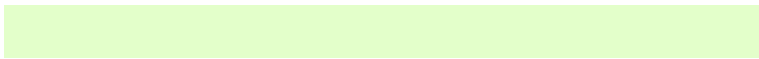
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 26.605, 110.288



98, 32.120, 109.897



97, 28.688, 129.292



53, 7.345, 111.293



74, 78.209, 105.940



26, 35.555, 105.756

Inverse Universe

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



83, 27.922, 294.308



80, 34.094, 294.861



85, 29.454, 311.169



49, 7.511, 293.053



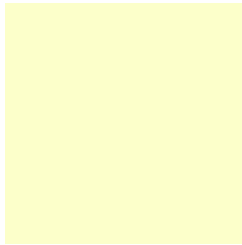
23, 107.532, 306.428



4, 44.248, 302.761

Previews

White Background



This preview shows how the CIELCh color 99, 27.288, 111.267 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, 27.288, 111.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

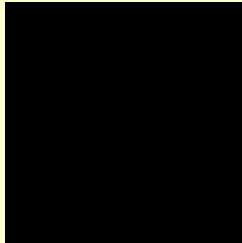
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 27.288, 111.267

Background



This preview shows how black text looks on a background with the CIELCh color 99, 27.288, 111.267.

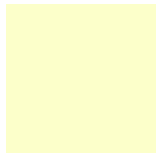


This preview shows how white text looks on a background with the CIELCh color 99, 27.288, 111.267.

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, 26.768, 110.560



Protanopia
99, 5.748, 95.352

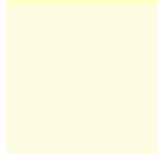
Deuteranopia
99, 2.316, 60.313

Tritanopia
99, 2.929, 318.813

Trichromacy



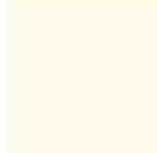
Original Color
99, 26.768, 110.560



Protanomaly
99, 13.200, 106.007



Deuteranomaly
99, 10.671, 105.477

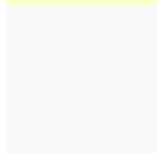


Tritanomaly
99, 8.121, 107.023

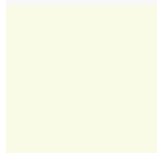
Monochromacy



Original Color
99, 26.768, 110.560



Achromatopsia
98, 0.011, 296.813



Achromatomaly
98, 10.165, 111.433

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 27.288, 111.267 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(252, 255, 202)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 202)  
}
```

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(252, 255, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 27.288, 111.267 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(252, 255, 202) }
```

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

```
.border{ border-color:rgb(252, 255, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 255, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 27.288, 111.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 202) }
```

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

```
.background{ background-color: rgb(252,  
255, 202) }
```

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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