

Converting Colors

CIELCh(99, 23.322, 112.987)

Have a look what the booklet for
CIELCh(99, 23.322, 112.987)
contains.

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Color

CIElCh(99, 22.791, 112.193)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFD3
RGB	252, 255, 211
RGB Percent	99%, 100%, 83%
CMY	0.0123, 0.0000, 0.1732
CMYK	0.01, 0.00, 0.17, 0.00
HSL	64°, 100%, 91%
HSV	64°, 17%, 100%
XYZ	87.8682, 97.4360, 75.6946
YIQ	249.0870, 12.3360, -14.3200

Conversions

Conversions Part 2

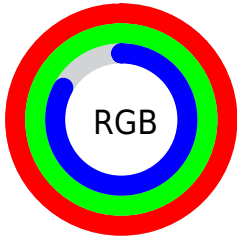
Format	Color
R _Y B	211, 255, 214
Decimal	16580563
CIE Lab	99.00, -8.61, 21.10
CIE LCh	99, 22.791, 112.193
Yxy	97.4360, 0.3367, 0.3733
Android (android.graphics.Color)	4294770643 (0xFFFCFFD3)
YUV	249.0870, -18.7769, 2.5547
Hunter-Lab	98.7097, -13.8470, 23.6308

Details

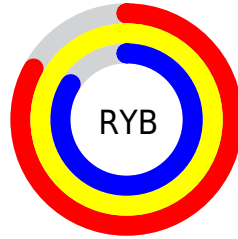
The CIELCh color **99, 22.791, 112.193** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 23.260, 294.667**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 22.260, 111.179** is the 20% darker color. If you saturate the color by 10%, you get **98, 35.080, 110.603**, and if you desaturate by 10%, it is **99, 9.465, 112.339**.

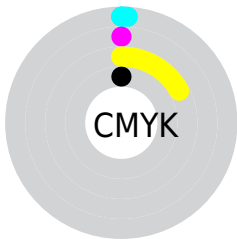
Distribution



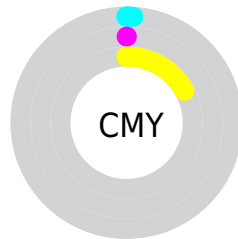
- Red (99%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 99, 22.791, 112.193 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, 22.791, 112.193 by changing the saturation by 10% instead.


 99, 22.791,
112.193


 99, 22.791,
112.193

 100, 22.791,
112.193


 89, 22.791,
112.193

 79, 22.791,
112.193

 69, 22.791,
112.193

 59, 22.791,
112.193

 49, 22.791,
112.193

 39, 22.791,
112.193

 29, 22.791,

112.193

■ 19, 22.791,
112.193

■ 9, 22.791, 112.193

■ 99, 22.791,
112.193

■ 99, 22.791,
112.193

■ 98, 35.080,
110.603

■ 99, 9.465, 112.339

■ 98, 47.521,
109.751

100, 0.012,
296.813

■ 97, 59.467,
108.945

■ 97, 70.601,
108.222

■ 96, 80.465,
107.633

■ 96, 88.463,
107.238

■ 96, 93.997,
107.095

■ 96, 96.803,
107.236

■ 96, 97.288,
107.302

Harmonies

Complementary

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



99, 22.791, 112.193



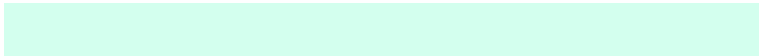
86, 23.260, 294.667

Rectangle

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



99, 22.791, 112.193



99, 22.791, 162.193



99, 22.791, 292.193



99, 22.791, 342.193

Sweetspot

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



99, 22.350, 111.473



100, 6.465, 112.537



89, 15.503, 26.103



53, 4.411, 112.477



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

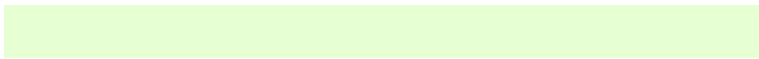
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 22.350, 111.473



99, 27.059, 111.152



97, 24.253, 130.601



53, 7.351, 112.152



74, 78.350, 107.227



25, 35.595, 106.910

Inverse Universe

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



86, 23.260, 294.667



83, 28.418, 295.091



88, 24.750, 312.122



49, 7.517, 293.845



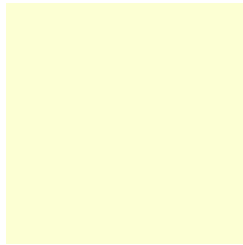
23, 107.419, 306.493



4, 44.296, 303.169

Previews

White Background



This preview shows how the CIE LCh color 99, 22.791, 112.193 looks on a white background.

Color Contrast Check

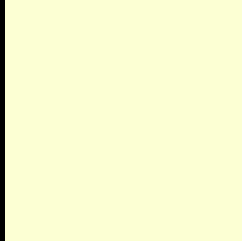
Large Text (above 18pt) WCAG AA × Fail

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, 22.791, 112.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

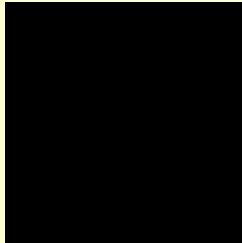
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 22.791, 112.193

Background



This preview shows how black text looks on a background with the CIELCh color 99, 22.791, 112.193.

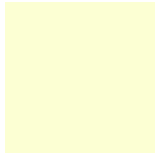


This preview shows how white text looks on a background with the CIELCh color 99, 22.791, 112.193.

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, 22.265, 111.361



Protanopia
99, 4.769, 92.440

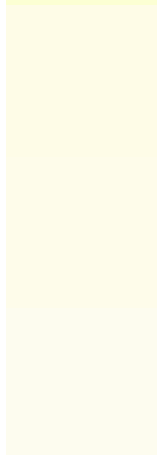
Deuteranopia
99, 2.059, 66.765

Tritanopia
99, 2.171, 309.072

Trichromacy



Original Color
99, 22.265, 111.361



Protanomaly
99, 10.671, 105.477

Deuteranomaly
99, 9.153, 104.966

Tritanomaly
99, 6.600, 106.567

Monochromacy



Original Color
99, 22.265, 111.361



Achromatopsia
98, 0.011, 296.813



Achromatomaly
98, 8.136, 112.078

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 22.791, 112.193 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 22.791, 112.193 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, 211) }
```

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

```
.border{ border-color:rgb(252, 255, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 22.791, 112.193 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, 211) }
```

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

```
.background{ background-color: rgb(252,  
255, 211) }
```

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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