

Converting Colors

CIELCh(99, 12.907, 113.169)

Have a look what the booklet for
CIELCh(99, 12.907, 113.169)
contains.

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Color

CIElCh(99, 12.691, 112.489)

Conversions

Conversions Part 1

Format	Color
Hex	FCFEE5
RGB	252, 254, 229
RGB Percent	99%, 100%, 90%
CMY	0.0109, 0.0030, 0.1011
CMYK	0.01, 0.00, 0.10, 0.00
HSL	65°, 94%, 95%
HSV	65°, 10%, 100%
XYZ	89.9157, 97.4360, 88.3600
YIQ	250.5520, 6.8330, -8.1990

Conversions

Conversions Part 2

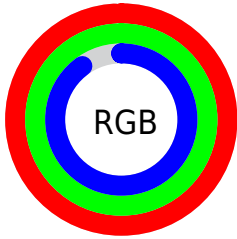
Format	Color
R_{YB}	229, 254, 231
Decimal	16580325
CIE _{Lab}	99.00, -4.85, 11.73
CIE _{LCh}	99, 12.691, 112.489
Yxy	97.4360, 0.3261, 0.3534
Android (android.graphics.Color)	4294770405 (0xFFFCFEE5)
YUV	250.5520, -10.6251, 1.2699
Hunter-Lab	98.7097, -10.1444, 16.0233

Details

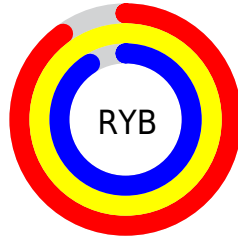
The CIELCh color **99, 12.691, 112.489** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 12.988, 294.223**, and the grayscale version is **99, 0.012, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 12.248, 112.633** is the 20% darker color. If you saturate the color by 10%, you get **98, 25.523, 111.641**, and if you desaturate by 10%, it is **100, 0.222, 293.526**.

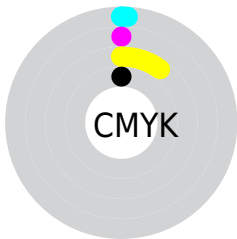
Distribution



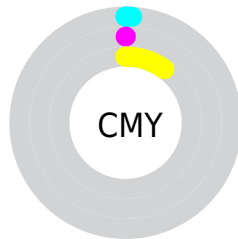
- Red (99%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (91%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 12.691, 112.489 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, 12.691, 112.489 by changing the saturation by 10% instead.

 99, 12.691,
112.489

 99, 12.691,
112.489

 100, 12.691,
112.489

 89, 12.691,
112.489

 79, 12.691,
112.489

 69, 12.691,
112.489

 59, 12.691,
112.489

 49, 12.691,
112.489

 39, 12.691,
112.489

 29, 12.691,

112.489

■ 19, 12.691,
112.489

■ 9, 12.691, 112.489

■ 99, 12.691,
112.489

■ 99, 12.691,
112.489

■ 98, 25.523,
111.641

■ 100, 0.222,
293.526

■ 98, 38.171,
110.786

■ 100, 0.485,
323.820

■ 97, 50.487,
109.956

■ 97, 62.242,
109.181

■ 96, 73.088,
108.503

■ 96, 82.531,
107.976

■ 96, 89.958,
107.664

■ 96, 94.812,
107.625

■ 95, 97.132,
107.861

Harmonies

Complementary

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



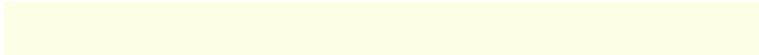
99, 12.691, 112.489



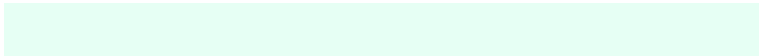
92, 12.988, 294.223

Rectangle

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



99, 12.691, 112.489



99, 12.691, 162.489



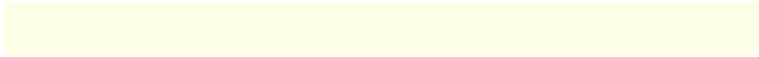
99, 12.691, 292.489



99, 12.691, 342.489

Sweetspot

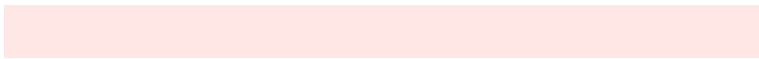
The Sweet Spot groups the original color and five complimentary colors.



99, 12.693, 112.497



100, 3.877, 113.069



93, 8.516, 25.667



53, 2.941, 113.003



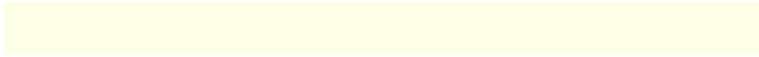
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



99, 12.693, 112.497



99, 15.516, 112.312



98, 13.721, 130.952



53, 7.354, 112.525



74, 78.425, 107.783



25, 35.618, 107.410

Inverse Universe

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



92, 12.988, 294.223



90, 15.950, 294.437



93, 13.890, 311.774



49, 7.520, 294.190



23, 107.362, 306.526



4, 44.316, 303.344

Previews

White Background



This preview shows how the CIE LCh color 99, 12.691, 112.489 looks on a white background.

Color Contrast Check

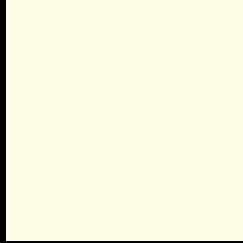
Large Text (above 18pt) WCAG AA × Fail

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, 12.691, 112.489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

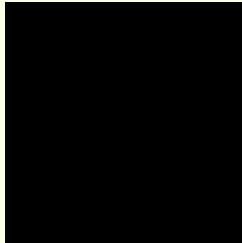
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 12.691, 112.489

Background



This preview shows how black text looks on a background with the CIELCh color 99, 12.691, 112.489.



This preview shows how white text looks on a background with the CIELCh color 99, 12.691, 112.489.

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, 12.691, 112.489



Protanopia

99, 3.691, 93.151

Deuteranopia

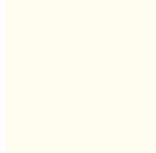
99, 1.487, 38.999

Tritanopia
99, 2.171, 309.072

Trichromacy



Original Color
99, 12.691, 112.489



Protanomaly
99, 7.102, 106.748



Deuteranomaly
99, 5.113, 101.781

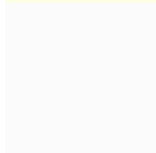


Tritanomaly
99, 3.055, 103.284

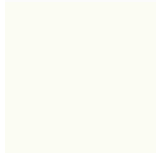
Monochromacy



Original Color
99, 12.691, 112.489



Achromatopsia
99, 0.012, 296.813



Achromatomaly
99, 4.581, 114.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 12.691, 112.489 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, 254, 229)` looks like.

```
.text, #text, p{  
    color:rgb(252, 254, 229)  
}
```

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, 254, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 254, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 12.691, 112.489 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, 254, 229) }
```

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

```
.border{ border-color:rgb(252, 254, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 254, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 254, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 254, 229);  
box-shadow:4px 4px 4px 4px rgb(252, 254,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 12.691, 112.489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 254, 229) }
```

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

```
.background{ background-color: rgb(252,  
254, 229) }
```

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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