

Converting Colors

CIELCh(99, 12.980, 114.732)

Have a look what the booklet for
CIELCh(99, 12.980, 114.732)
contains.

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Color

CIELCh(99, 13.254, 115.451)

Conversions

Conversions Part 1

Format	Color
Hex	FBFFE5
RGB	251, 255, 229
RGB Percent	98%, 100%, 90%
CMY	0.0168, 0.0011, 0.1030
CMYK	0.02, 0.00, 0.10, 0.00
HSL	69°, 98%, 95%
HSV	69°, 10%, 100%
XYZ	89.4541, 97.4360, 88.0168
YIQ	250.8400, 5.9620, -8.9340

Conversions

Conversions Part 2

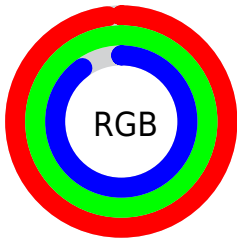
Format	Color
R_{YB}	229, 255, 233
Decimal	16515045
CIE Lab	99.00, -5.70, 11.97
CIE LCh	99, 13.254, 115.451
Yxy	97.4360, 0.3254, 0.3544
Android (android.graphics.Color)	4294705125 (0xFFFBFFE5)
YUV	250.8400, -10.7671, 0.1403
Hunter-Lab	98.7097, -10.9791, 16.2295

Details

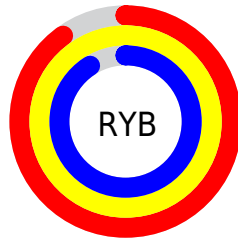
The CIELCh color **99, 13.254, 115.451** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **92, 13.565, 297.021**, and the grayscale version is **99, 0.012, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 12.843, 115.838** is the 20% darker color. If you saturate the color by 10%, you get **98, 26.173, 114.703**, and if you desaturate by 10%, it is **100, 0.257, 116.172**.

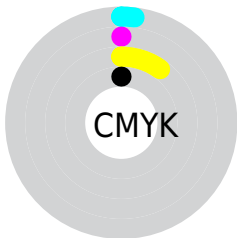
Distribution



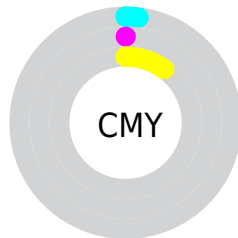
- Red (98%)
- Green (100%)
- Blue (90%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 99, 13.254, 115.451 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, 13.254, 115.451 by changing the saturation by 10% instead.


 99, 13.254,
115.451


 99, 13.254,
115.451


 100, 13.254,
115.451


 89, 13.254,
115.451

 79, 13.254,
115.451

 69, 13.254,
115.451

 59, 13.254,
115.451

 49, 13.254,
115.451

 39, 13.254,
115.451

 29, 13.254,

115.451

■ 19, 13.254,
115.451

■ 9, 13.254, 115.451

■ 99, 13.254,
115.451

■ 99, 13.254,
115.451

■ 98, 26.173,
114.703

100, 0.257,
116.172

■ 97, 38.908,
113.950

100, 0.183,
322.759

■ 97, 51.310,
113.223

■ 96, 63.147,
112.558

■ 96, 74.071,
112.004

■ 95, 83.589,
111.629

■ 95, 91.090,
111.515

■ 95, 96.027,
111.743

■ 94, 98.449,
112.298

Harmonies

Complementary

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



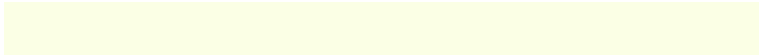
99, 13.254, 115.451



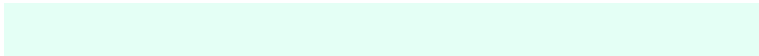
92, 13.565, 297.021

Rectangle

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



99, 13.254, 115.451



99, 13.254, 165.451



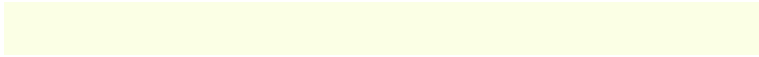
99, 13.254, 295.451



99, 13.254, 345.451

Sweetspot

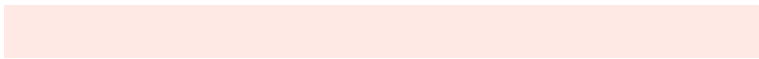
The Sweet Spot groups the original color and five complimentary colors.



99, 13.256, 115.458



100, 3.896, 115.993



94, 8.274, 33.820



53, 2.955, 115.934



0, 0.000, 0.000



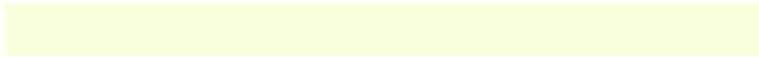
53, 0.007, 296.813

Same Dimension

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



99, 13.256, 115.458



99, 15.595, 115.323



98, 14.577, 133.706



53, 7.391, 115.510



73, 79.319, 112.145



25, 35.908, 111.355

Inverse Universe

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



92, 13.565, 297.021



91, 16.017, 297.176



93, 14.725, 314.545



49, 7.553, 296.962



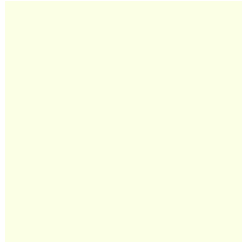
24, 106.732, 306.901



4, 44.468, 304.696

Previews

White Background



This preview shows how the CIELCh color 99, 13.254, 115.451 looks on a white background.

Color Contrast Check

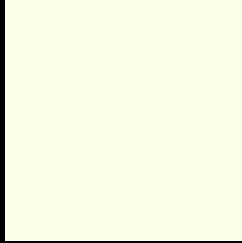
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 99, 13.254, 115.451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

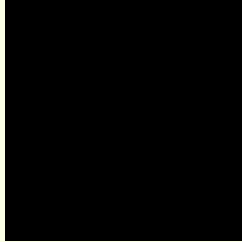
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 13.254, 115.451

Background



This preview shows how black text looks on a background with the CIELCh color 99, 13.254, 115.451.



This preview shows how white text looks on a background with the CIELCh color 99, 13.254, 115.451.

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, 13.254, 115.451



Protanopia
99, 3.691, 93.151

Deuteranopia
99, 1.487, 38.999

Tritanopia
99, 1.581, 303.066

Trichromacy



Original Color

99, 13.254, 115.451

Protanomaly

99, 7.097, 109.633

Deuteranomaly

99, 5.079, 105.767

Tritanomaly

99, 4.072, 114.835

Monochromacy



Original Color

99, 13.254, 115.451



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, 13.254, 115.451 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(251, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 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(251, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 13.254, 115.451 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(251, 255, 229) }
```

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

```
.border{ border-color:rgb(251, 255, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 13.254, 115.451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 229) }
```

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

```
.background{ background-color: rgb(251,  
255, 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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