

Converting Colors

CIELCh(99, 15.973, 114.458)

Have a look what the booklet for
CIELCh(99, 15.973, 114.458)
contains.

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Color

CIElCh(99, 15.766, 114.297)

Conversions

Conversions Part 1

Format	Color
Hex	FBFFE0
RGB	251, 255, 224
RGB Percent	98%, 100%, 88%
CMY	0.0156, 0.0000, 0.1214
CMYK	0.02, 0.00, 0.12, 0.00
HSL	68°, 100%, 94%
HSV	68°, 12%, 100%
XYZ	89.0214, 97.4360, 84.6565
YIQ	250.2700, 7.5670, -10.4890

Conversions

Conversions Part 2

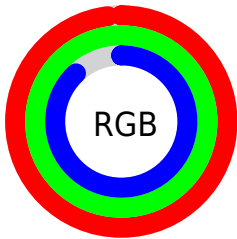
Format	Color
RYB	224, 255, 228
Decimal	16515040
CIELab	99.00, -6.49, 14.37
CIElCh	99, 15.766, 114.297
Yxy	97.4360, 0.3284, 0.3594
Android (android.graphics.Color)	4294705120 (0xFFFBFFE0)
YUV	250.2700, -12.9511, 0.6402
Hunter-Lab	98.7097, -11.7616, 18.2478

Details

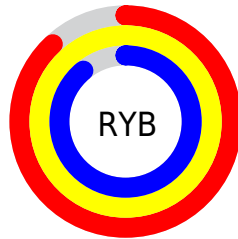
The CIELCh color **99, 15.766, 114.297** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 16.187, 296.234**, and the grayscale version is **98, 0.012, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 15.471, 114.482** is the 20% darker color. If you saturate the color by 10%, you get **98, 28.622, 113.474**, and if you desaturate by 10%, it is **100, 2.777, 115.039**.

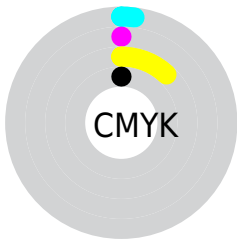
Distribution



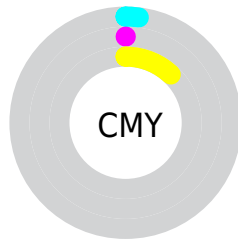
- Red (98%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 15.766, 114.297 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, 15.766, 114.297 by changing the saturation by 10% instead.


 99, 15.766,
114.297


 99, 15.766,
114.297

 100, 15.766,
114.297


 89, 15.766,
114.297

 79, 15.766,
114.297

 69, 15.766,
114.297

 59, 15.766,
114.297

 49, 15.766,
114.297

 39, 15.766,
114.297

 29, 15.766,

114.297

■ 19, 15.766,
114.297

■ 9, 15.766, 114.297

■ 99, 15.766,
114.297

■ 99, 15.766,
114.297

■ 98, 28.622,
113.474

■ 100, 2.777,
115.039

■ 98, 41.284,
112.690

■ 100, 0.012,
296.813

■ 97, 53.572,
111.938

■ 96, 65.235,
111.253

■ 96, 75.894,
110.687

■ 96, 85.025,
110.305

■ 95, 92.006,
110.185

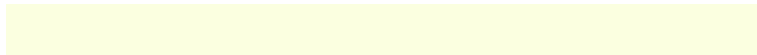
■ 95, 96.339,
110.396

■ 95, 98.058,
110.777

Harmonies

Complementary

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



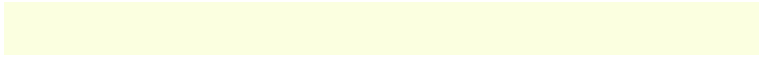
99, 15.766, 114.297



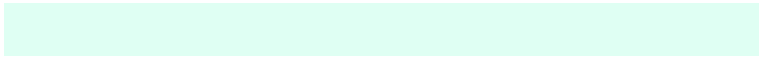
90, 16.187, 296.234

Rectangle

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



99, 15.766, 114.297



99, 15.766, 164.297



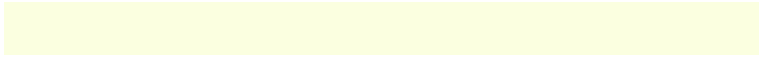
99, 15.766, 294.297



99, 15.766, 344.297

Sweetspot

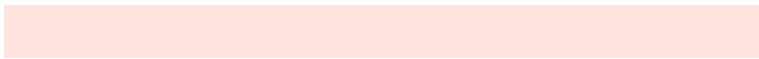
The Sweet Spot groups the original color and five complimentary colors.



99, 15.750, 114.264



100, 5.187, 114.898



93, 10.192, 30.500



53, 3.688, 114.841



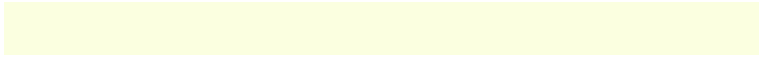
0, 0.000, 0.000



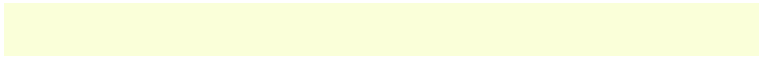
53, 0.007, 296.813

Same Dimension

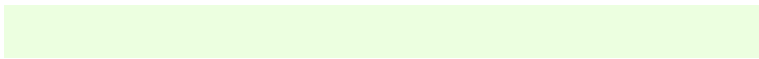
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 15.750, 114.264



99, 19.439, 114.039



98, 17.216, 132.524



53, 7.376, 114.471



73, 78.950, 110.647



25, 35.786, 109.995

Inverse Universe

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



90, 16.187, 296.234



88, 20.106, 296.503



92, 17.437, 313.542



49, 7.539, 295.995



24, 106.988, 306.746



4, 44.418, 304.234

Previews

White Background



This preview shows how the CIELCh color 99, 15.766, 114.297 looks on a white background.

Color Contrast Check

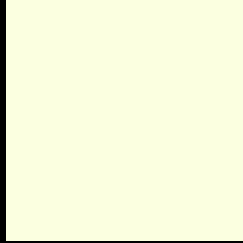
Large Text (above 18pt) WCAG AA × Fail

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, 15.766, 114.297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

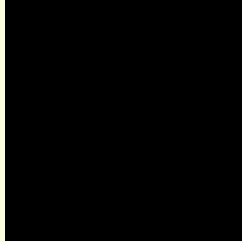
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 15.766, 114.297

Background



This preview shows how black text looks on a background with the CIELCh color 99, 15.766, 114.297.



This preview shows how white text looks on a background with the CIELCh color 99, 15.766, 114.297.

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, 15.766, 114.297

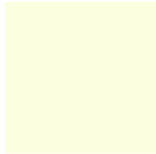


Protanopia
99, 3.691, 93.151

Deuteranopia
99, 1.487, 38.999

Tritanopia
99, 2.171, 309.072

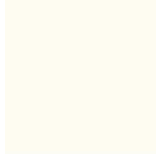
Trichromacy



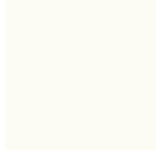
Original Color
99, 15.766, 114.297



Protanomaly
99, 8.115, 107.026



Deuteranomaly
99, 5.616, 102.454

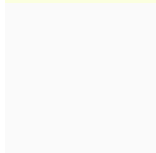


Tritanomaly
99, 4.055, 109.853

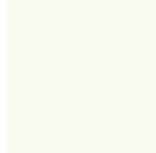
Monochromacy



Original Color
99, 15.766, 114.297



Achromatopsia
98, 0.011, 296.813



Achromatomaly
99, 5.633, 116.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 15.766, 114.297 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 15.766, 114.297 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, 224) }
```

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

```
.border{ border-color:rgb(251, 255, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 15.766, 114.297 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, 224) }
```

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

```
.background{ background-color: rgb(251,  
255, 224) }
```

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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