

Converting Colors

CIELCh(99, 17.408, 107.261)

Have a look what the booklet for
CIELCh(99, 17.408, 107.261)
contains.

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Color

CIELCh(99, 17.209, 107.648)

Conversions

Conversions Part 1

Format	Color
Hex	FFFEDC
RGB	255, 254, 220
RGB Percent	100%, 100%, 86%
CMY	0.0000, 0.0033, 0.1367
CMYK	0.00, 0.00, 0.14, 0.00
HSL	59°, 100%, 93%
HSV	59°, 14%, 100%
XYZ	89.7165, 97.4360, 81.8845
YIQ	250.4230, 11.5100, -10.3620

Conversions

Conversions Part 2

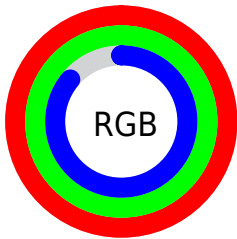
Format	Color
R_{YB}	221, 255, 220
Decimal	16776924
CIE Lab	99.00, -5.22, 16.40
CIE LCh	99, 17.209, 107.648
Yxy	97.4360, 0.3335, 0.3622
Android (android.graphics.Color)	4294967004 (0xFFFFFEDC)
YUV	250.4230, -14.9985, 4.0140
Hunter-Lab	98.7097, -10.5047, 19.9128

Details

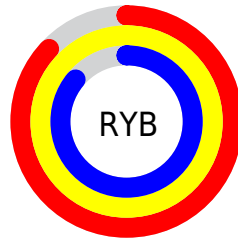
The CIELCh color **99, 17.209, 107.648** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 17.735, 290.697**, and the grayscale version is **99, 0.012, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 16.978, 107.303** is the 20% darker color. If you saturate the color by 10%, you get **98, 29.705, 106.829**, and if you desaturate by 10%, it is **100, 4.620, 108.813**.

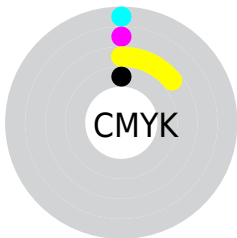
Distribution



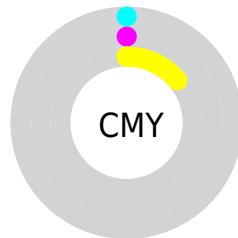
- Red (100%)
- Green (100%)
- Blue (86%)



- Red (87%)
- Yellow (100%)
- Blue (86%)



- Cyan (0%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 17.209, 107.648 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, 17.209, 107.648 by changing the saturation by 10% instead.


 99, 17.209,
107.648

 99, 17.209,
107.648

 100, 17.209,
107.648


 89, 17.209,
107.648

 79, 17.209,
107.648

 69, 17.209,
107.648

 59, 17.209,
107.648

 49, 17.209,
107.648

 39, 17.209,
107.648

 29, 17.209,

107.648

■ 19, 17.209,
107.648

■ 9, 17.209, 107.648

■ 99, 17.209,
107.648

■ 99, 17.209,
107.648

■ 98, 29.705,
106.829

■ 100, 4.620,
108.813

■ 98, 41.996,
105.832

■ 100, 0.012,
296.813

■ 97, 53.913,
104.861

■ 97, 65.189,
103.942

■ 96, 75.420,
103.105

■ 96, 84.045,
102.387

■ 96, 90.415,
101.825

■ 96, 94.048,
101.438

■ 96, 95.140,
101.266

Harmonies

Complementary

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



99, 17.209, 107.648



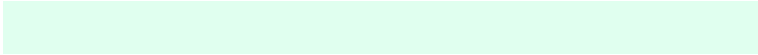
89, 17.735, 290.697

Rectangle

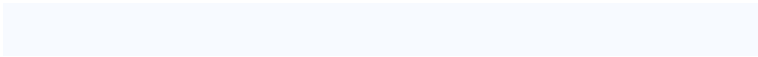
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 17.209, 107.648



99, 17.209, 157.648



99, 17.209, 287.648



99, 17.209, 337.648

Sweetspot

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



99, 17.210, 107.831



100, 5.035, 108.782



91, 12.833, 17.619



53, 3.580, 108.710



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, 17.210, 107.831



99, 20.133, 107.599



98, 18.678, 127.266



53, 7.162, 108.246



74, 76.653, 101.294



25, 34.853, 101.648

Inverse Universe

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



89, 17.735, 290.697



87, 20.853, 290.987



90, 19.061, 308.543



49, 7.316, 290.205



23, 106.680, 306.006



4, 43.353, 301.356

Previews

White Background



This preview shows how the CIE LCh color 99, 17.209, 107.648 looks on a white background.

Color Contrast Check

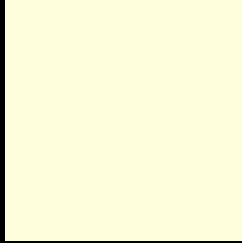
Large Text (above 18pt) WCAG AA × Fail

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, 17.209, 107.648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

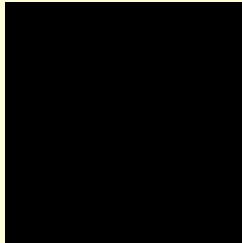
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 17.209, 107.648

Background



This preview shows how black text looks on a background with the CIELCh color 99, 17.209, 107.648.



This preview shows how white text looks on a background with the CIELCh color 99, 17.209, 107.648.

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, 17.209, 107.648



Protanopia

99, 3.691, 93.151

Deuteranopia

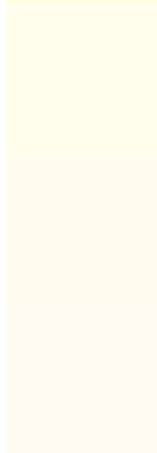
99, 1.487, 38.999

Tritanopia
99, 2.311, 317.261

Trichromacy



Original Color
99, 17.209, 107.648



Protanomaly
99, 8.641, 104.749

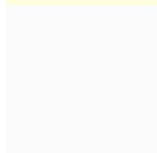
Deuteranomaly
99, 6.670, 100.411

Tritanomaly
99, 5.113, 101.781

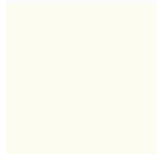
Monochromacy



Original Color
99, 17.209, 107.648



Achromatopsia
99, 0.012, 296.813



Achromatomaly
99, 6.087, 109.706

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 17.209, 107.648 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(255, 254, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 220)  
}
```

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(255, 254, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 17.209, 107.648 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(255, 254, 220) }
```

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

```
.border{ border-color:rgb(255, 254, 220) }
```

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

Here you see how a box with a 4 pixel rgb(255, 254, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 17.209, 107.648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 220) }
```

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

```
.background{ background-color: rgb(255,  
254, 220) }
```

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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