

Converting Colors

CIELCh(99, 19.346, 110.106)

Have a look what the booklet for
CIELCh(99, 19.346, 110.106)
contains.

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Color

CIElCh(99, 19.217, 109.824)

Conversions

Conversions Part 1

Format	Color
Hex	FEFFD9
RGB	254, 255, 217
RGB Percent	100%, 100%, 85%
CMY	0.0047, 0.0007, 0.1497
CMYK	0.00, 0.00, 0.15, 0.00
HSL	62°, 99%, 92%
HSV	62°, 15%, 100%
XYZ	89.0051, 97.4360, 79.6375
YIQ	250.3690, 11.6020, -12.0300

Conversions

Conversions Part 2

Format	Color
R_{YB}	217, 255, 218
Decimal	16711641
CIE Lab	99.00, -6.52, 18.08
CIE LCh	99, 19.217, 109.824
Yxy	97.4360, 0.3345, 0.3662
Android (android.graphics.Color)	4294901721 (0xFFFEFFD9)
YUV	250.3690, -16.4509, 3.1844
Hunter-Lab	98.7097, -11.7912, 21.2625

Details

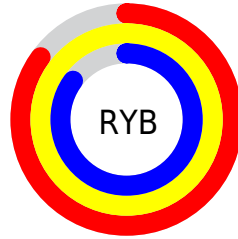
The CIELCh color **99, 19.217, 109.824** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 19.892, 292.776**, and the grayscale version is **98, 0.012, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 19.075, 109.603** is the 20% darker color. If you saturate the color by 10%, you get **98, 31.970, 108.892**, and if you desaturate by 10%, it is **100, 6.338, 110.758**.

Distribution



- Red (100%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 99, 19.217, 109.824 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, 19.217, 109.824 by changing the saturation by 10% instead.


 99, 19.217,
109.824


 99, 19.217,
109.824


 100, 19.217,
109.824


 89, 19.217,
109.824

 79, 19.217,
109.824

 69, 19.217,
109.824

 59, 19.217,
109.824

 49, 19.217,
109.824

 39, 19.217,
109.824

 29, 19.217,

109.824

■ 19, 19.217,
109.824

■ 9, 19.217, 109.824

■ 99, 19.217,
109.824

■ 99, 19.217,
109.824

■ 98, 31.970,
108.892

■ 100, 6.338,
110.758

■ 98, 44.471,
107.967

100, 0.123,
321.920

■ 98, 56.534,
107.079

■ 97, 67.872,
106.259

■ 97, 78.057,
105.546

■ 97, 86.519,
104.990

■ 97, 92.637,
104.637

■ 97, 96.019,
104.517

■ 97, 96.921,
104.524

Harmonies

Complementary

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



99, 19.217, 109.824



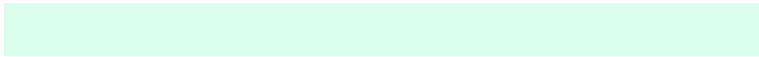
88, 19.892, 292.776

Rectangle

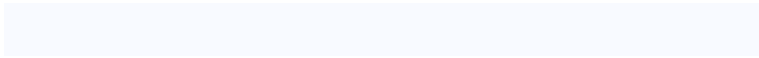
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 19.217, 109.824



99, 19.217, 159.824



99, 19.217, 289.824



99, 19.217, 339.824

Sweetspot

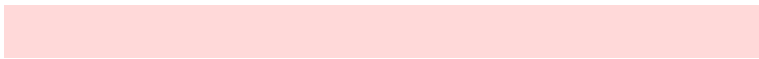
The Sweet Spot groups the original color and five complimentary colors.



99, 19.219, 109.830



100, 5.163, 110.840



90, 13.844, 21.714



53, 3.670, 110.772



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

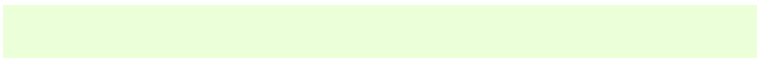
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 19.219, 109.830



99, 23.188, 109.540



98, 20.604, 128.986



53, 7.340, 110.335



75, 78.105, 104.496



26, 35.529, 104.463

Inverse Universe

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



88, 19.892, 292.776



85, 24.178, 293.147



89, 21.017, 310.322



49, 7.507, 292.170



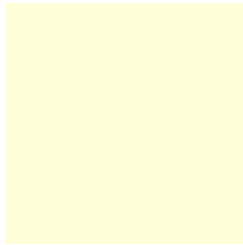
23, 107.648, 306.362



3, 44.192, 302.297

Previews

White Background



This preview shows how the CIE LCh color 99, 19.217, 109.824 looks on a white background.

Color Contrast Check

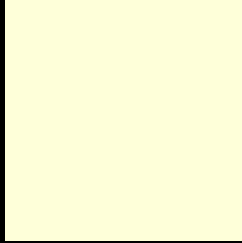
Large Text (above 18pt) WCAG AA × Fail

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, 19.217, 109.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

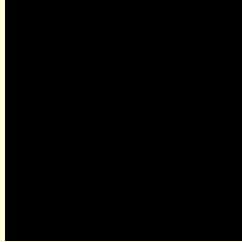
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 19.217, 109.824

Background



This preview shows how black text looks on a background with the CIELCh color 99, 19.217, 109.824.



This preview shows how white text looks on a background with the CIELCh color 99, 19.217, 109.824.

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, 19.217, 109.824



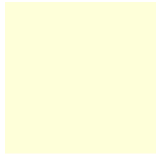
Protanopia
99, 3.691, 93.151

Deuteranopia
99, 1.487, 38.999

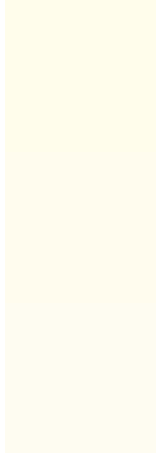
Tritanopia

99, 2.311, 317.261

Trichromacy



Original Color
99, 19.217, 109.824



Protanomaly
99, 9.146, 104.969

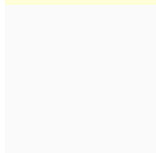
Deuteranomaly
99, 7.172, 101.013

Tritanomaly
99, 5.616, 102.454

Monochromacy



Original Color
99, 19.217, 109.824



Achromatopsia
98, 0.011, 296.813



Achromatomaly
99, 7.116, 112.508

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 19.217, 109.824 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(254, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 217)  
}
```

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(254, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 19.217, 109.824 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(254, 255, 217) }
```

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

```
.border{ border-color:rgb(254, 255, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 19.217, 109.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 217) }
```

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

```
.background{ background-color: rgb(254,  
255, 217) }
```

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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