

Converting Colors

CIELCh(99, 15.836, 108.981)

Have a look what the booklet for
CIELCh(99, 15.836, 108.981)
contains.

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Color

CIElCh(99, 15.694, 108.988)

Conversions

Conversions Part 1

Format	Color
Hex	FEFEDF
RGB	254, 254, 223
RGB Percent	100%, 100%, 87%
CMY	0.0032, 0.0032, 0.1248
CMYK	0.00, 0.00, 0.12, 0.00
HSL	60°, 95%, 94%
HSV	60°, 12%, 100%
XYZ	89.7773, 97.4360, 84.0084
YIQ	250.4660, 9.9510, -9.6410

Conversions

Conversions Part 2

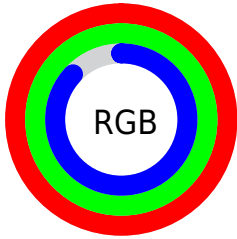
Format	Color
R_{YB}	223, 254, 223
Decimal	16711391
CIE _{Lab}	99.00, -5.11, 14.84
CIE _{LCh}	99, 15.694, 108.988
Y _{xy}	97.4360, 0.3310, 0.3592
Android (android.graphics.Color)	4294901471 (0xFFFEFEDF)
YUV	250.4660, -13.5407, 3.0993
Hunter-Lab	98.7097, -10.3946, 18.6371

Details

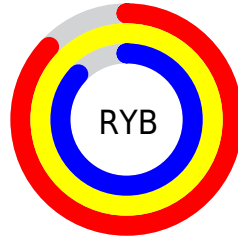
The CIELCh color **99, 15.694, 108.988** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 16.145, 291.488**, and the grayscale version is **99, 0.012, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 15.392, 108.763** is the 20% darker color. If you saturate the color by 10%, you get **98, 28.463, 108.017**, and if you desaturate by 10%, it is **100, 2.826, 109.946**.

Distribution



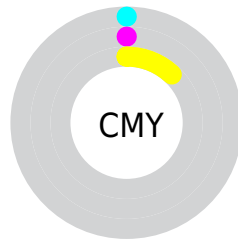
- Red (100%)
- Green (100%)
- Blue (87%)



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



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





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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 15.694, 108.988 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, 15.694, 108.988 by changing the saturation by 10% instead.


 99, 15.694,
108.988


 99, 15.694,
108.988


 100, 15.694,
108.988


 89, 15.694,
108.988

 79, 15.694,
108.988

 69, 15.694,
108.988

 59, 15.694,
108.988

 49, 15.694,
108.988

 39, 15.694,
108.988

 29, 15.694,

108.988

■ 19, 15.694,
108.988

■ 9, 15.694, 108.988

■ 99, 15.694,
108.988

■ 99, 15.694,
108.988

■ 98, 28.463,
108.017

■ 100, 2.826,
109.946

■ 98, 41.019,
107.046

■ 100, 0.427,
290.538

■ 98, 53.199,
106.104

■ 100, 0.427,
290.728

■ 97, 64.746,
105.219

■ 100, 0.427,
290.919

■ 97, 75.271, 100, 0.427,
104.423 291.109

■ 97, 84.239, 100, 0.427,
103.758 291.299

■ 97, 91.024, 100, 0.427,
103.265 291.489

■ 97, 95.138, 100, 0.427,
102.971 291.680

■ 97, 96.674, 100, 0.427,
102.862 291.870

Harmonies

Complementary

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



99, 15.694, 108.988



90, 16.145, 291.488

Rectangle

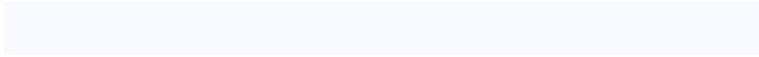
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 15.694, 108.988



99, 15.694, 158.988



99, 15.694, 288.988



99, 15.694, 338.988

Sweetspot

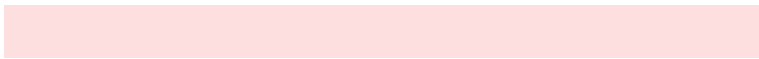
The Sweet Spot groups the original color and five complimentary colors.



99, 15.696, 108.995



100, 5.161, 109.784



91, 11.366, 20.161



53, 3.669, 109.713



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, 15.696, 108.995



99, 19.336, 108.721



98, 16.749, 128.527



53, 7.338, 109.257



75, 78.056, 102.862



26, 35.525, 103.002

Inverse Universe

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



90, 16.145, 291.488



88, 20.016, 291.825



91, 17.038, 309.619



49, 7.504, 291.180



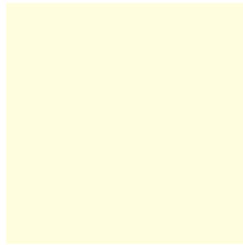
23, 107.780, 306.288



3, 44.127, 301.762

Previews

White Background



This preview shows how the CIE LCh color 99, 15.694, 108.988 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, 15.694, 108.988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

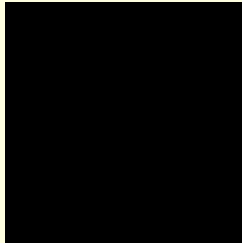
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 15.694, 108.988

Background



This preview shows how black text looks on a background with the CIELCh color 99, 15.694, 108.988.

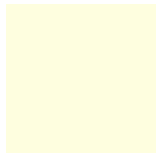


This preview shows how white text looks on a background with the CIELCh color 99, 15.694, 108.988.

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, 15.694, 108.988



Protanopia
99, 3.691, 93.151

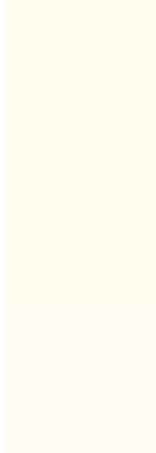
Deuteranopia
99, 1.487, 38.999

Tritanopia
99, 2.311, 317.261

Trichromacy



Original Color
99, 15.694, 108.988

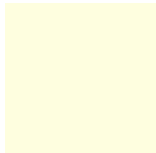


Protanomaly
99, 8.135, 104.498

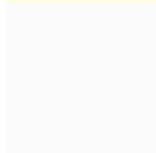
Deuteranomaly
99, 6.169, 99.705

Tritanomaly
99, 4.610, 100.952

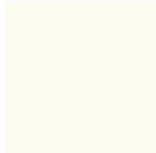
Monochromacy



Original Color
99, 15.694, 108.988



Achromatopsia
99, 0.012, 296.813



Achromatomaly
99, 5.579, 109.743

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 15.694, 108.988 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, 254, 223)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 223)  
}
```

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, 254, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 15.694, 108.988 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, 254, 223) }
```

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

```
.border{ border-color:rgb(254, 254, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 254, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 223);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 15.694, 108.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 254, 223) }
```

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

```
.background{ background-color: rgb(254,  
254, 223) }
```

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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