

Converting Colors

CIELCh(99, 9.968, 118.789)

Have a look what the booklet for
CIELCh(99, 9.968, 118.789) contains.

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Color

CIELCh(99, 9.749, 117.901)

Conversions

Conversions Part 1

Format	Color
Hex	FAFEEB
RGB	250, 254, 235
RGB Percent	98%, 100%, 92%
CMY	0.0186, 0.0029, 0.0774
CMYK	0.02, 0.00, 0.07, 0.00
HSL	73°, 93%, 96%
HSV	73°, 7%, 100%
XYZ	90.0765, 97.4360, 92.8535
YIQ	250.6380, 3.7150, -6.7570

Conversions

Conversions Part 2

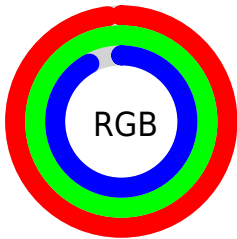
Format	Color
R _Y B	235, 254, 239
Decimal	16449259
CIE Lab	99.00, -4.56, 8.62
CIE LCh	99, 9.749, 117.901
Yxy	97.4360, 0.3213, 0.3475
Android (android.graphics.Color)	4294639339 (0xFFFAFEEB)
YUV	250.6380, -7.7095, -0.5595
Hunter-Lab	98.7097, -9.8536, 13.3243

Details

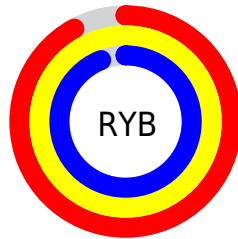
The CIELCh color **99, 9.749, 117.901** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 9.919, 298.924**, and the grayscale version is **99, 0.012, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 9.645, 116.054** is the 20% darker color. If you saturate the color by 10%, you get **98, 22.761, 117.226**, and if you desaturate by 10%, it is **100, 0.464, 323.790**.

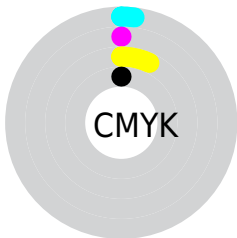
Distribution



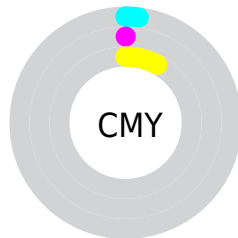
- Red (98%)
- Green (100%)
- Blue (92%)



- Red (92%)
- Yellow (100%)
- Blue (94%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 9.749, 117.901 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, 9.749, 117.901 by changing the saturation by 10% instead.

 99, 9.749, 117.901

 99, 9.749, 117.901

 100, 9.749,
117.901

 89, 9.749, 117.901

 79, 9.749, 117.901

 69, 9.749, 117.901

 59, 9.749, 117.901

 49, 9.749, 117.901

 39, 9.749, 117.901

 29, 9.749, 117.901

 19, 9.749, 117.901

 9, 9.749, 117.901

99, 9.749, 117.901

99, 9.749, 117.901

98, 22.761,
117.226

100, 0.464,
323.790

97, 35.629,
116.539

96, 48.220,
115.872


96, 60.328,
115.256

95, 71.646,
114.743

95, 81.727,
114.401

94, 89.987,
114.322

94, 95.838,
114.603

 93, 99.026,
115.302

Harmonies

Complementary

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



99, 9.749, 117.901



94, 9.919, 298.924

Rectangle

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



99, 9.749, 117.901



99, 9.749, 167.901



99, 9.749, 297.901



99, 9.749, 347.901

Sweetspot

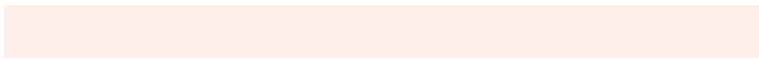
The Sweet Spot groups the original color and five complimentary colors.



99, 9.751, 117.909



100, 2.608, 118.281



96, 5.792, 39.219



53, 1.482, 118.288



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, 9.751, 117.909



99, 11.768, 117.805



98, 10.796, 135.433



53, 7.434, 117.771



72, 80.321, 115.317



25, 36.252, 114.258

Inverse Universe

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



94, 9.919, 298.924



93, 12.003, 299.038



95, 10.874, 316.028



49, 7.590, 299.076



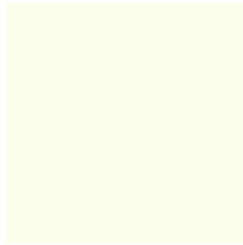
24, 106.041, 307.334



4, 44.579, 305.760

Previews

White Background



This preview shows how the CIE LCh color 99, 9.749, 117.901 looks on a white background.

Color Contrast Check

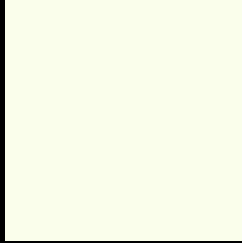
Large Text (above 18pt) WCAG AA × Fail

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, 9.749, 117.901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

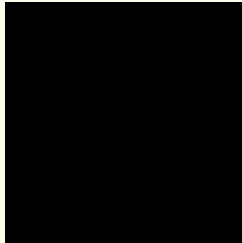
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 9.749, 117.901

Background



This preview shows how black text looks on a background with the CIELCh color 99, 9.749, 117.901.

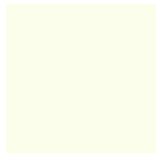


This preview shows how white text looks on a background with the CIELCh color 99, 9.749, 117.901.

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, 9.749, 117.901



Protanopia

99, 3.207, 90.598

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.581, 303.066

Trichromacy



Original Color

99, 9.749, 117.901

Protanomaly

99, 5.575, 109.745

Deuteranomaly

99, 3.560, 104.186

Tritanomaly

99, 2.557, 117.866

Monochromacy



Original Color

99, 9.749, 117.901



Achromatopsia

99, 0.012, 296.813



Achromatomaly

99, 3.569, 115.569

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 9.749, 117.901 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(250, 254, 235)` looks like.

```
.text, #text, p{  
    color:rgb(250, 254, 235)  
}
```

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(250, 254, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 254, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 9.749, 117.901 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(250, 254, 235) }
```

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

```
.border{ border-color:rgb(250, 254, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 254, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 254, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 254, 235);  
box-shadow:4px 4px 4px 4px rgb(250, 254,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 9.749, 117.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 254, 235) }
```

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

```
.background{ background-color: rgb(250,  
254, 235) }
```

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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