

Converting Colors

CIELCh(99, 3.487, 129.015)

Have a look what the booklet for
CIELCh(99, 3.487, 129.015) contains.

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Color

CIELCh(99, 3.228, 129.009)

Conversions

Conversions Part 1

Format	Color
Hex	FAFDF7
RGB	250, 253, 247
RGB Percent	98%, 99%, 97%
CMY	0.0190, 0.0072, 0.0307
CMYK	0.01, 0.00, 0.02, 0.01
HSL	90°, 62%, 98%
HSV	90°, 2%, 99%
XYZ	91.4758, 97.4360, 102.1156
YIQ	251.4190, 0.1380, -2.5020

Conversions

Conversions Part 2

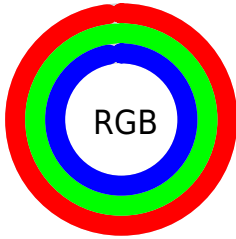
Format	Color
RYB	247, 253, 250
Decimal	16449015
CIELab	99.00, -2.03, 2.51
CIELCh	99, 3.228, 129.009
Yxy	97.4360, 0.3143, 0.3348
Android (android.graphics.Color)	4294639095 (0xFFFAFDF7)
YUV	251.4190, -2.1786, -1.2445
Hunter-Lab	98.7097, -7.3231, 7.7610

Details

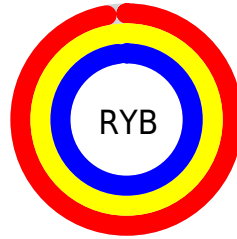
The CIELCh color 99, 3.228, 129.009 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 3.263, 309.142, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 2.766, 125.409 is the 20% darker color. If you saturate the color by 10%, you get 98, 16.933, 128.533, and if you desaturate by 10%, it is 100, 1.143, 324.211.

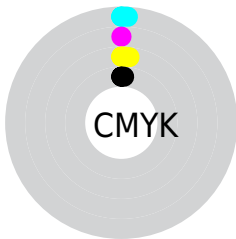
Distribution



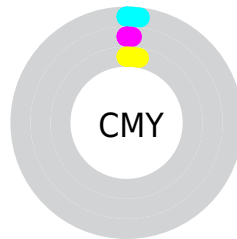
- Red (98%)
- Green (99%)
- Blue (97%)



- Red (97%)
- Yellow (99%)
- Blue (98%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (2%)
- Magenta (1%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 3.228, 129.009 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, 3.228, 129.009 by changing the saturation by 10% instead.

 99, 3.228, 129.009

 99, 3.228, 129.009

 100, 3.228,
129.009

 89, 3.228, 129.009

 79, 3.228, 129.009

 69, 3.228, 129.009

 59, 3.228, 129.009

 49, 3.228, 129.009

 39, 3.228, 129.009

 29, 3.228, 129.009

 19, 3.228, 129.009

 9, 3.228, 129.009

99, 3.228, 129.009

99, 3.228, 129.009

98, 16.933,
128.533

100, 1.143,
324.211

96, 30.623,
128.049

95, 44.178,
127.556

94, 57.421,
127.079

93, 70.095,
126.664

92, 81.831,
126.383

91, 92.120,
126.339

90, 100.361,
126.664

■ 90,106.059,
127.473

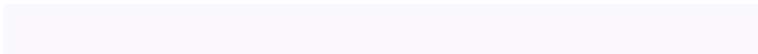
Harmonies

Complementary

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



99, 3.228, 129.009



98, 3.263, 309.142

Rectangle

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



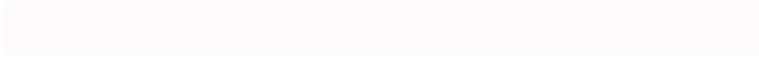
99, 3.228, 129.009



99, 3.228, 179.009



99, 3.228, 309.009



99, 3.228, 359.009

Sweetspot

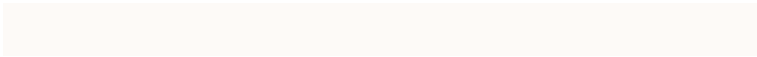
The Sweet Spot groups the original color and five complimentary colors.



99, 3.231, 129.023



100, 1.363, 129.143



98, 1.840, 74.893



53, 0.774, 129.150



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, 3.231, 129.023



100, 4.114, 128.986



99, 3.723, 144.391



53, 3.121, 128.943



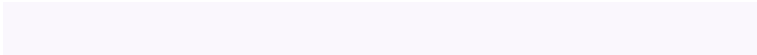
69, 87.911, 128.096



23, 39.108, 126.546

Inverse Universe

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



98, 3.263, 309.142



98, 4.152, 309.179



98, 3.744, 324.491



52, 3.149, 309.222



30, 100.524, 311.879



6, 44.900, 312.888

Previews

White Background



This preview shows how the CIE LCh color 99, 3.228, 129.009 looks on a white background.

Color Contrast Check

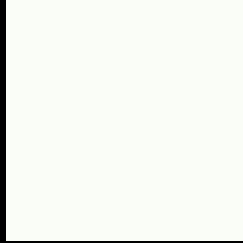
Large Text (above 18pt) WCAG AA × Fail

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, 3.228, 129.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

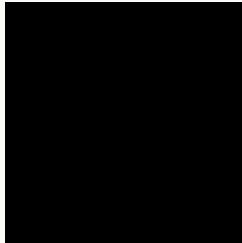
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 3.228, 129.009

Background



This preview shows how black text looks on a background with the CIELCh color 99, 3.228, 129.009.



This preview shows how white text looks on a background with the CIELCh color 99, 3.228, 129.009.

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, 3.228, 129.009

Protanopia

99, 1.723, 55.170

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 3.228, 129.009

Protanomaly

99, 2.048, 100.089

Deuteranomaly

99, 1.061, 90.708

Tritanomaly

99, 0.348, 201.271

Monochromacy



Original Color

99, 3.228, 129.009

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.069, 129.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 3.228, 129.009 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, 253, 247)` looks like.

```
.text, #text, p{  
    color:rgb(250, 253, 247)  
}
```

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, 253, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 253, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 3.228, 129.009 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, 253, 247) }
```

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

```
.border{ border-color:rgb(250, 253, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 253, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 253, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 253, 247);  
box-shadow:4px 4px 4px 4px rgb(250, 253,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 3.228, 129.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 253, 247) }
```

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

```
.background{ background-color: rgb(250,  
253, 247) }
```

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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