

Converting Colors

CIELCh(99, 1.942, 134.857)

Have a look what the booklet for
CIELCh(99, 1.942, 134.857) contains.

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Color

CIELCh(99, 2.148, 129.066)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FBFDF9 |
| RGB | 251, 253, 249 |
| RGB Percent | 98%, 99%, 98% |
| CMY | 0.0164, 0.0085, 0.0243 |
| CMYK | 0.01, 0.00, 0.02, 0.01 |
| HSL | 90°, 48%, 98% |
| HSV | 90°, 2%, 99% |
| XYZ | 91.8533, 97.4360, 103.4366 |
| YIQ | 251.9460, 0.0920, -1.6680 |

Conversions

Conversions Part 2

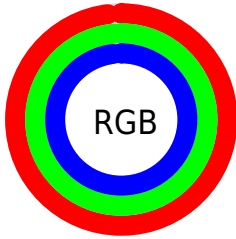
| Format | Color |
|-------------------------------------|--|
| RYB | 249, 253, 251 |
| Decimal | 16514553 |
| CIELab | 99.00, -1.35, 1.67 |
| CIElCh | 99, 2.148, 129.066 |
| Yxy | 97.4360, 0.3138, 0.3329 |
| Android (android.graphics.Color) | 4294704633 (0xFFFBDF9) |
| YUV | 251.9460, -1.4524, -0.8296 |
| Hunter-Lab | 98.7097, -6.6405, 6.9675 |

Details

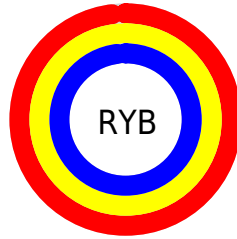
The CIELCh color 99, 2.148, 129.066 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 2.177, 309.093, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 1.636, 123.004 is the 20% darker color. If you saturate the color by 10%, you get 98, 15.835, 128.578, and if you desaturate by 10%, it is 99, 1.362, 324.262.

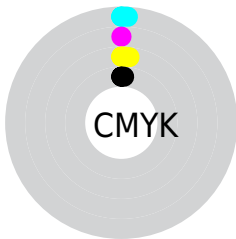
Distribution



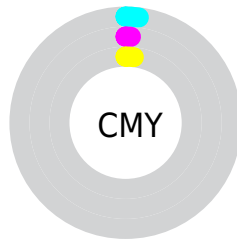
- Red (98%)
- Green (99%)
- Blue (98%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 2.148, 129.066 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, 2.148, 129.066 by changing the saturation by 10% instead.

 99, 2.148, 129.066

 99, 2.148, 129.066

 100, 2.148,
129.066

 89, 2.148, 129.066

 79, 2.148, 129.066

 69, 2.148, 129.066

 59, 2.148, 129.066

 49, 2.148, 129.066

 39, 2.148, 129.066

 29, 2.148, 129.066

 19, 2.148, 129.066

 9, 2.148, 129.066

99, 2.148, 129.066

99, 2.148, 129.066

98, 15.835,
128.578

99, 1.362, 324.262

96, 29.515,
128.095

95, 43.072,
127.602

94, 56.333,
127.123

93, 69.051,
126.701

92, 80.866,
126.405

91, 91.280,
126.338

90, 99.695,
126.629

■ 90,105.599,
127.396

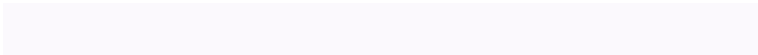
Harmonies

Complementary

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



99, 2.148, 129.066



98, 2.177, 309.093

Rectangle

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



99, 2.148, 129.066



99, 2.148, 179.066



99, 2.148, 309.066



99, 2.148, 359.066

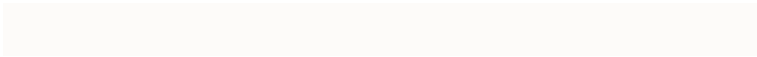
Sweetspot

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



99, 2.151, 129.086

100, 0.012, 296.813



99, 1.223, 74.869



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



99, 2.151, 129.086



100, 2.738, 129.054



99, 2.478, 144.478



53, 1.556, 129.061



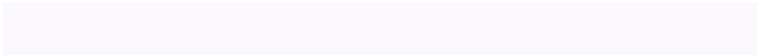
69, 87.917, 128.103



23, 39.110, 126.553

Inverse Universe

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



98, 2.177, 309.093



99, 2.767, 309.125



98, 2.499, 324.407



53, 1.574, 309.118



30, 100.520, 311.883



6, 44.900, 312.894

Previews

White Background



This preview shows how the CIE LCh color 99, 2.148, 129.066 looks on a white background.

Color Contrast Check

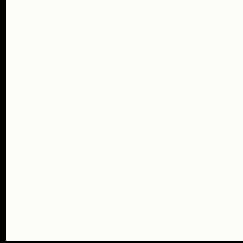
Large Text (above 18pt) WCAG AA × Fail

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, 2.148, 129.066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

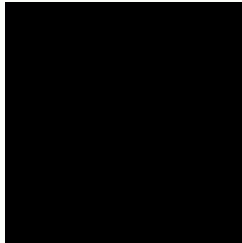
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 2.148, 129.066

Background



This preview shows how black text looks on a background with the CIELCh color 99, 2.148, 129.066.



This preview shows how white text looks on a background with the CIELCh color 99, 2.148, 129.066.

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, 2.148, 129.066

Protanopia

99, 1.487, 38.999

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy

Original Color

99, 2.148, 129.066

Protanomaly

99, 1.061, 90.708

Deuteranomaly

99, 0.605, 74.599

Tritanomaly

99, 0.520, 290.363

Monochromacy

Original Color

99, 2.148, 129.066

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 0.497, 109.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 2.148, 129.066 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(251, 253, 249)` looks like.

```
.text, #text, p{  
    color:rgb(251, 253, 249)  
}
```

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(251, 253, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 253, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 2.148, 129.066 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(251, 253, 249) }
```

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

```
.border{ border-color:rgb(251, 253, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 253, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 253, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 253, 249);  
box-shadow:4px 4px 4px 4px rgb(251, 253,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 2.148, 129.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 253, 249) }
```

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

```
.background{ background-color: rgb(251,  
253, 249) }
```

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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