

Converting Colors

CIELCh(99, 1.903, 84.953)

Have a look what the booklet for
CIELCh(99, 1.903, 84.953) contains.

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Color

CIELCh(99, 2.134, 90.698)

Conversions

Conversions Part 1

Format	Color
Hex	FEFCF8
RGB	254, 252, 248
RGB Percent	100%, 99%, 97%
CMY	0.0041, 0.0119, 0.0276
CMYK	0.00, 0.01, 0.02, 0.00
HSL	40°, 74%, 98%
HSV	40°, 2%, 100%
XYZ	92.5954, 97.4360, 102.7027
YIQ	252.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

Format	Color
R_{YB}	251, 254, 248
Decimal	16710904
CIE _{Lab}	99.00, -0.03, 2.13
CIE _{LCh}	99, 2.134, 90.698
Yxy	97.4360, 0.3163, 0.3328
Android (android.graphics.Color)	4294900984 (0xFFFEFCF8)
YUV	252.1420, -2.0420, 1.6295
Hunter-Lab	98.7097, -5.2985, 7.4084

Details

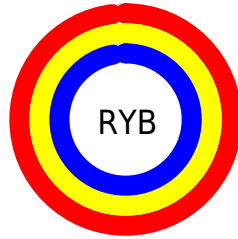
The CIELCh color 99, 2.134, 90.698 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 2.155, 271.611, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 1.747, 84.940 is the 20% darker color. If you saturate the color by 10%, you get 96, 11.340, 89.603, and if you desaturate by 10%, it is 100, 0.360, 201.225.

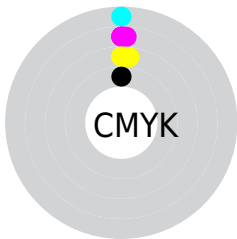
Distribution



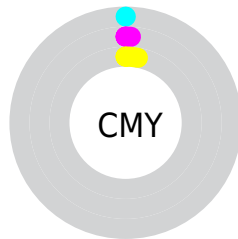
- Red (100%)
- Green (99%)
- Blue (97%)



- Red (98%)
- Yellow (100%)
- Blue (97%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 2.134, 90.698 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, 2.134, 90.698 by changing the saturation by 10% instead.

 99, 2.134, 90.698

 99, 2.134, 90.698

 100, 2.134, 90.698

 89, 2.134, 90.698

 79, 2.134, 90.698

 69, 2.134, 90.698

 59, 2.134, 90.698

 49, 2.134, 90.698

 39, 2.134, 90.698

 29, 2.134, 90.698

 19, 2.134, 90.698

 9, 2.134, 90.698

99, 2.134, 90.698

99, 2.134, 90.698

96, 11.340, 89.603

100, 0.360,
201.225

94, 20.739, 88.306

91, 30.312, 86.960

89, 40.004, 85.572

86, 49.694, 84.138

84, 59.143, 82.643

82, 67.910, 81.040

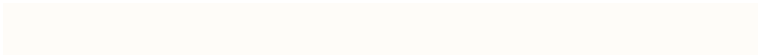
79, 75.264, 79.237

77, 80.231, 77.064

Harmonies

Complementary

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



99, 2.134, 90.698



98, 2.155, 271.611

Rectangle

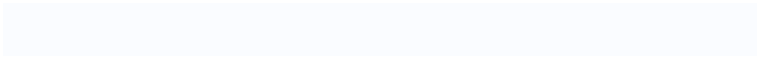
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 2.134, 90.698



99, 2.134, 140.698



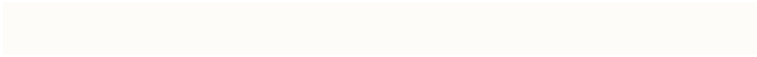
99, 2.134, 270.698



99, 2.134, 320.698

Sweetspot

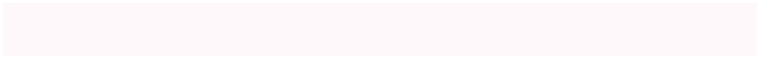
The Sweet Spot groups the original color and five complimentary colors.



99, 2.136, 90.758



100, 0.899, 90.740



98, 2.358, 353.672



53, 0.511, 90.729



0, 0.000, 0.000



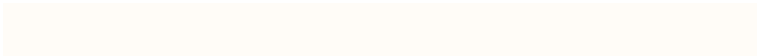
53, 0.007, 296.813

Same Dimension

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



99, 2.136, 90.758



99, 2.725, 90.707



99, 3.059, 116.536



53, 2.069, 90.630



58, 66.478, 75.637



19, 28.104, 78.405

Inverse Universe

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



98, 2.155, 271.611



98, 2.744, 271.664



98, 3.097, 296.877



52, 2.080, 271.746



33, 79.078, 296.731



8, 31.722, 291.600

Previews

White Background



This preview shows how the CIE LCh color 99, 2.134, 90.698 looks on a white background.

Color Contrast Check

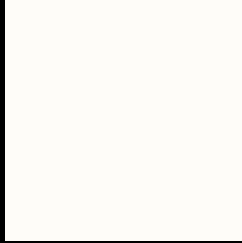
Large Text (above 18pt) WCAG AA × Fail

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, 2.134, 90.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

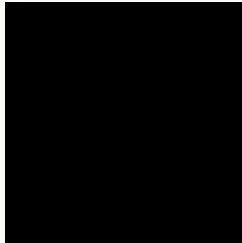
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 2.134, 90.698

Background



This preview shows how black text looks on a background with the CIELCh color 99, 2.134, 90.698.



This preview shows how white text looks on a background with the CIELCh color 99, 2.134, 90.698.

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, 2.134, 90.698

Protanopia

99, 1.487, 38.999

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.581, 303.066

Trichromacy

Original Color

99, 2.134, 90.698

Protanomaly

99, 1.723, 55.170

Deuteranomaly

99, 1.406, 19.030

Tritanomaly

99, 0.352, 17.560

Monochromacy

Original Color

99, 2.134, 90.698

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 0.605, 74.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 2.134, 90.698 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, 252, 248)` looks like.

```
.text, #text, p{  
    color:rgb(254, 252, 248)  
}
```

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, 252, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 252, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 2.134, 90.698 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, 252, 248) }
```

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

```
.border{ border-color:rgb(254, 252, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 252, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 252, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 252, 248); box-shadow:4px 4px 4px 4px rgb(254, 252, 248) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 2.134, 90.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 252, 248) }
```

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

```
.background{ background-color: rgb(254,  
252, 248) }
```

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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