

Converting Colors

CIELCh(100, 5.191, 140.237)

Have a look what the booklet for
CIELCh(100, 5.191, 140.237)
contains.

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Color

CIELCh(99, 3.973, 136.125)

Conversions

Conversions Part 1

Format	Color
Hex	F9FEF7
RGB	249, 254, 247
RGB Percent	98%, 100%, 97%
CMY	0.0249, 0.0053, 0.0327
CMYK	0.02, 0.00, 0.03, 0.01
HSL	103°, 72%, 98%
HSV	103°, 3%, 99%
XYZ	91.0141, 97.4360, 101.7322
YIQ	251.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

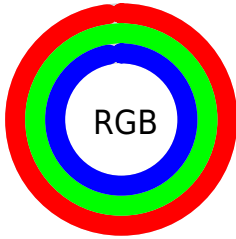
Format	Color
R_{YB}	247, 254, 252
Decimal	16383735
CIE Lab	99.00, -2.86, 2.75
CIE LCh	99, 3.973, 136.125
Yxy	97.4360, 0.3136, 0.3358
Android (android.graphics.Color)	4294573815 (0xFF9FEF7)
YUV	251.7070, -2.3206, -2.3740
Hunter-Lab	98.7097, -8.1582, 7.9913

Details

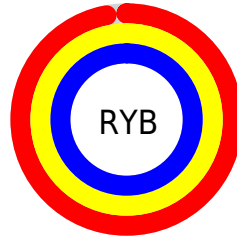
The CIELCh color 99, 3.973, 136.125 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 4.004, 316.252, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 3.530, 134.593 is the 20% darker color. If you saturate the color by 10%, you get 97, 18.514, 135.634, and if you desaturate by 10%, it is 100, 0.841, 324.103.

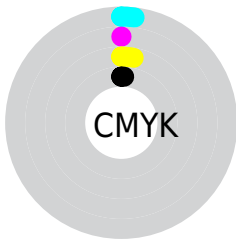
Distribution



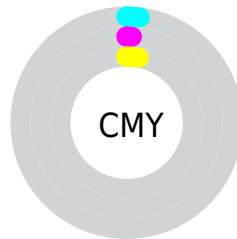
- Red (98%)
- Green (100%)
- Blue (97%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 3.973, 136.125 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, 3.973, 136.125 by changing the saturation by 10% instead.

 99, 3.973, 136.125

 99, 3.973, 136.125

 100, 3.973,
136.125

 89, 3.973, 136.125

 79, 3.973, 136.125

 69, 3.973, 136.125

 59, 3.973, 136.125

 49, 3.973, 136.125

 39, 3.973, 136.125

 29, 3.973, 136.125

 19, 3.973, 136.125

 9, 3.973, 136.125

99, 3.973, 136.125

99, 3.973, 136.125

97, 18.514,
135.634

100, 0.841,
324.103

95, 33.096,
135.122

94, 47.567,
134.568

93, 61.710,
133.989

91, 75.219,
133.424

90, 87.677,
132.940

89, 98.532,
132.641

89, 107.142,
132.661

 88, 112.986,
133.109

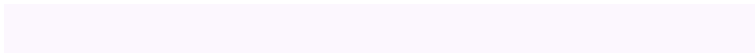
Harmonies

Complementary

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



99, 3.973, 136.125



98, 4.004, 316.252

Rectangle

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



99, 3.973, 136.125



99, 3.973, 186.125



99, 3.973, 316.125



99, 3.973, 6.125

Sweetspot

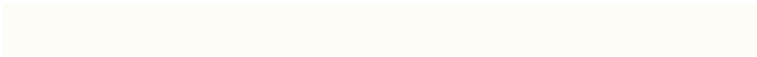
The Sweet Spot groups the original color and five complimentary colors.



99, 3.976, 136.131



100, 1.439, 136.304



99, 2.579, 93.263



53, 0.818, 136.314



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

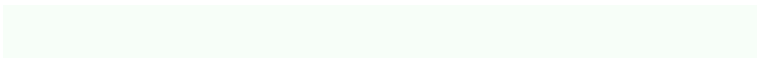
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 3.976, 136.131



99, 4.344, 136.116



99, 3.772, 150.453



53, 3.296, 136.071



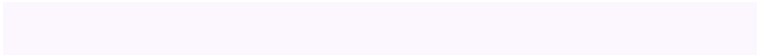
68, 93.265, 133.439



23, 41.467, 132.389

Inverse Universe

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



98, 4.004, 316.252



98, 4.374, 316.266



98, 3.793, 330.603



52, 3.317, 316.311



36, 96.207, 317.804



8, 43.995, 318.931

Previews

White Background



This preview shows how the CIE LCh color 99, 3.973, 136.125 looks on a white background.

Color Contrast Check

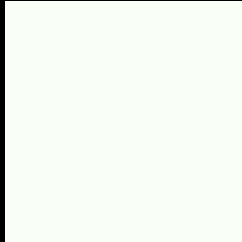
Large Text (above 18pt) WCAG AA × Fail

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, 3.973, 136.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

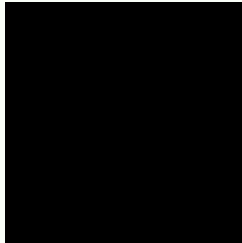
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 3.973, 136.125

Background



This preview shows how black text looks on a background with the CIELCh color 99, 3.973, 136.125.



This preview shows how white text looks on a background with the CIELCh color 99, 3.973, 136.125.

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, 3.976, 136.124

Protanopia

99, 1.723, 55.170

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 3.976, 136.124

Protanomaly

99, 2.048, 100.089

Deuteranomaly

99, 1.061, 90.708

Tritanomaly

99, 0.862, 164.148

Monochromacy



Original Color

99, 3.976, 136.124

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.677, 134.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 3.973, 136.125 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(249, 254, 247)` looks like.

```
.text, #text, p{  
    color:rgb(249, 254, 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(249, 254, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 254, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 3.973, 136.125 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(249, 254, 247) }
```

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

```
.border{ border-color:rgb(249, 254, 247) }
```

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

Here you see how a box with a 4 pixel rgb(249, 254, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 254, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 254, 247);  
box-shadow:4px 4px 4px 4px rgb(249, 254,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 3.973, 136.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 254, 247) }
```

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

```
.background{ background-color: rgb(249,  
254, 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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