

Converting Colors

CIELCh(100, 9.821, 13.193)

Have a look what the booklet for
CIELCh(100, 9.821, 13.193) contains.

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Color

CIELCh(98, 2.356, 353.670)

Conversions

Conversions Part 1

Format	Color
Hex	FEF8FA
RGB	254, 248, 250
RGB Percent	100%, 97%, 98%
CMY	0.0048, 0.0283, 0.0205
CMYK	0.00, 0.02, 0.02, 0.00
HSL	340°, 71%, 98%
HSV	340°, 2%, 100%
XYZ	91.5109, 94.9163, 103.7580
YIQ	250.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

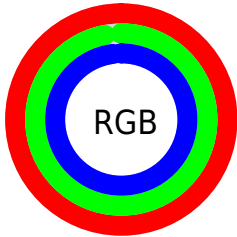
Format	Color
R _Y B	254, 248, 250
Decimal	16709882
CIE Lab	98.00, 2.34, -0.26
CIE LCh	98, 2.356, 353.670
Yxy	94.9163, 0.3154, 0.3271
Android (android.graphics.Color)	4294899962 (0xFFFEF8FA)
YUV	250.0220, -0.0108, 3.4887
Hunter-Lab	97.4250, -2.8293, 5.0534

Details

The CIELCh color 98, 2.356, 353.670 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 2.328, 173.746, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 2.146, 349.433 is the 20% darker color. If you saturate the color by 10%, you get 91, 12.547, 354.877, and if you desaturate by 10%, it is 100, 0.425, 200.937.

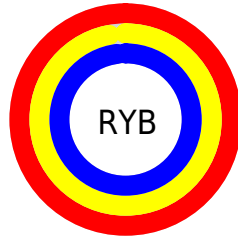
Distribution



Red (100%)

Green (97%)

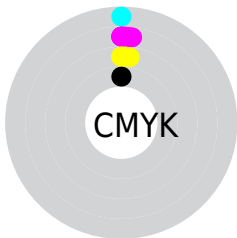
Blue (98%)



Red (100%)

Yellow (97%)

Blue (98%)

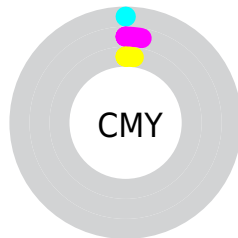


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 2.356, 353.670 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 98, 2.356, 353.670 by changing the saturation by 10% instead.

 98, 2.356, 353.670

 98, 2.356, 353.670

100, 2.356,
353.670

 88, 2.356, 353.670

 78, 2.356, 353.670

 68, 2.356, 353.670

 58, 2.356, 353.670

 48, 2.356, 353.670

 38, 2.356, 353.670

 28, 2.356, 353.670

 18, 2.356, 353.670

 8, 2.356, 353.670

98, 2.356, 353.670

98, 2.356, 353.670

91, 12.547,
354.877

100, 0.425,
200.937

85, 23.087,
356.028

79, 33.841,
357.359

73, 44.580,
358.944

68, 54.951, 0.880

63, 64.487, 3.295

59, 72.674, 6.357

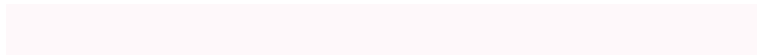
56, 79.118, 10.247

54, 83.781, 15.090

Harmonies

Complementary

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



98, 2.356, 353.670



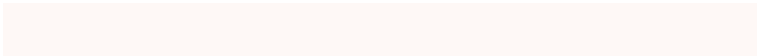
99, 2.328, 173.746

Rectangle

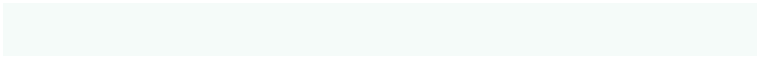
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 2.356, 353.670



98, 2.356, 43.670



98, 2.356, 173.670



98, 2.356, 223.670

Sweetspot

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



98, 2.354, 353.701



99, 1.002, 353.255



98, 3.384, 314.707



53, 0.570, 353.221



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

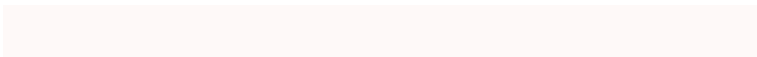
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 2.354, 353.701



98, 3.006, 353.811



98, 1.824, 35.312



52, 2.281, 353.925



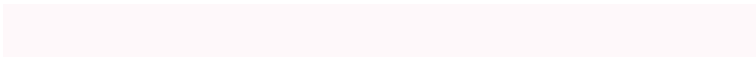
40, 69.668, 18.235



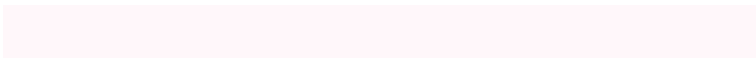
10, 31.348, 10.338

Inverse Universe

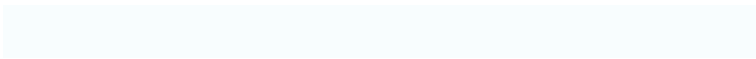
The Inverse Universe completely reimagines the original color for something new.



98, 2.354, 353.701



98, 3.006, 353.811



99, 1.801, 216.069



52, 2.281, 353.925



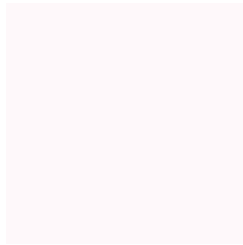
40, 69.668, 18.235



10, 31.348, 10.338

Previews

White Background



This preview shows how the CIE LCh color 98, 2.356, 353.670 looks on a white background.

Color Contrast Check

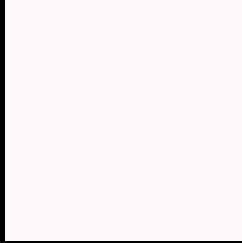
Large Text (above 18pt) WCAG AA × Fail

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 98, 2.356, 353.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

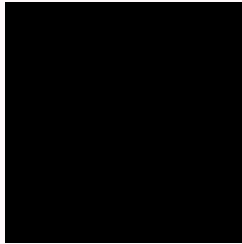
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 2.356, 353.670

Background



This preview shows how black text looks on a background with the CIELCh color 98, 2.356, 353.670.



This preview shows how white text looks on a background with the CIELCh color 98, 2.356, 353.670.

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

98, 2.358, 353.672

Protanopia

98, 2.047, 349.333

Deuteranopia

98, 3.223, 351.093

Tritanopia
98, 3.859, 311.595

Trichromacy



Original Color

98, 2.358, 353.672

Protanomaly

98, 2.047, 349.333

Deuteranomaly

98, 3.223, 351.093

Tritanomaly

98, 3.118, 324.453

Monochromacy



Original Color

98, 2.358, 353.672

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 0.880, 343.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 2.356, 353.670 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, 248, 250)` looks like.

```
.text, #text, p{  
    color:rgb(254, 248, 250)  
}
```

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, 248, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 248, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 2.356, 353.670 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, 248, 250) }
```

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

```
.border{ border-color:rgb(254, 248, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 248, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 248, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 248, 250);  
box-shadow:4px 4px 4px 4px rgb(254, 248,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 2.356, 353.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 248, 250) }
```

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

```
.background{ background-color: rgb(254,  
248, 250) }
```

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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