

Converting Colors

CIELCh(98, 0.941, 171.261)

Have a look what the booklet for
CIELCh(98, 0.941, 171.261) contains.

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Color

CIELCh(98, 1.167, 174.055)

Conversions

Conversions Part 1

Format	Color
Hex	F7FAF9
RGB	247, 250, 249
RGB Percent	97%, 98%, 98%
CMY	0.0317, 0.0199, 0.0238
CMYK	0.01, 0.00, 0.00, 0.02
HSL	160°, 23%, 97%
HSV	160°, 1%, 98%
XYZ	89.5772, 94.9163, 103.1571
YIQ	248.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

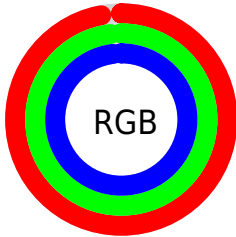
Format	Color
R _Y B	247, 249, 250
Decimal	16251641
CIE Lab	98.00, -1.16, 0.12
CIE LCh	98, 1.167, 174.055
Yxy	94.9163, 0.3114, 0.3300
Android (android.graphics.Color)	4294441721 (0xFF7FAF9)
YUV	248.9890, 0.0054, -1.7444
Hunter-Lab	97.4250, -6.3721, 5.4191

Details

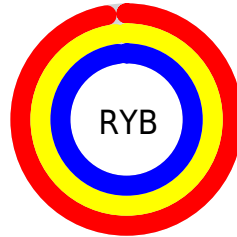
The CIELCh color 98, 1.167, 174.055 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 1.185, 353.277, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 1.225, 173.925 is the 20% darker color. If you saturate the color by 10%, you get 96, 10.898, 172.638, and if you desaturate by 10%, it is 99, 3.159, 324.454.

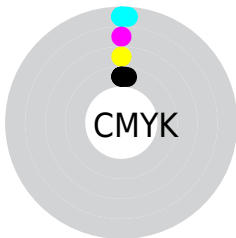
Distribution



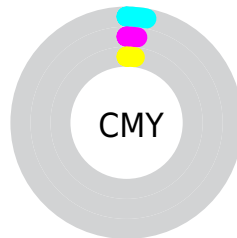
- Red (97%)
- Green (98%)
- Blue (98%)



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



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




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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 1.167, 174.055 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, 1.167, 174.055 by changing the saturation by 10% instead.

 98, 1.167, 174.055

 98, 1.167, 174.055

 100, 1.167,
174.055

 88, 1.167, 174.055

 78, 1.167, 174.055

 68, 1.167, 174.055

 58, 1.167, 174.055

 48, 1.167, 174.055

 38, 1.167, 174.055

 28, 1.167, 174.055

 18, 1.167, 174.055

 8, 1.167, 174.055

98, 1.167, 174.055

98, 1.167, 174.055

96, 10.898,
172.638

99, 3.159, 324.454

94, 20.447,
171.606

93, 29.674,
170.497

91, 38.419,
169.283

90, 46.514,
167.937

89, 53.802,
166.434

89, 60.161,
164.748

88, 65.529,
162.858

■ 88, 69.930,
160.759

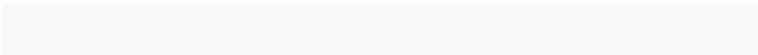
Harmonies

Complementary

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



98, 1.167, 174.055



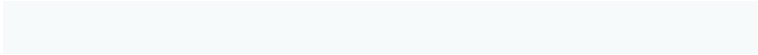
97, 1.185, 353.277

Rectangle

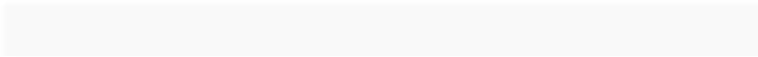
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



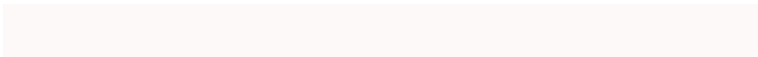
98, 1.167, 174.055



98, 1.167, 224.055



98, 1.167, 354.055



98, 1.167, 44.055

Sweetspot

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



98, 1.169, 173.993

100, 0.012, 296.813



98, 1.674, 134.198



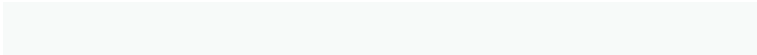
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

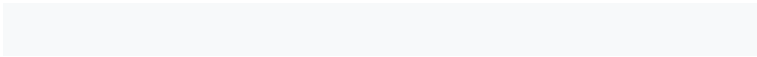
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 1.169, 173.993



100, 0.988, 174.106



98, 0.919, 214.558



52, 0.552, 174.142



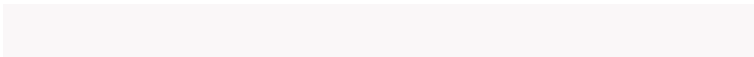
68, 58.821, 159.207



22, 25.247, 162.452

Inverse Universe

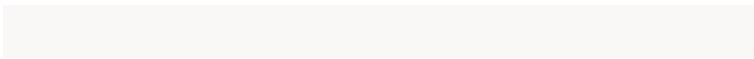
The Inverse Universe completely reimagines the original color for something new.



97, 1.185, 353.277



99, 1.003, 353.166



98, 0.923, 33.145



52, 0.561, 353.132



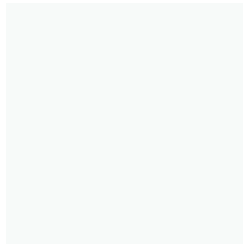
40, 68.922, 18.051



9, 30.488, 9.634

Previews

White Background



This preview shows how the CIE LCh color 98, 1.167, 174.055 looks on a white background.

Color Contrast Check

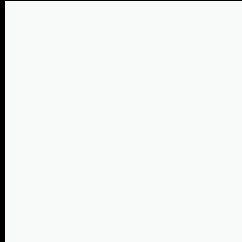
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 98, 1.167, 174.055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

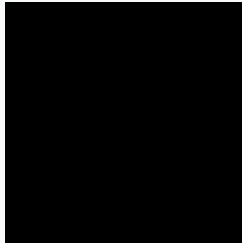
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

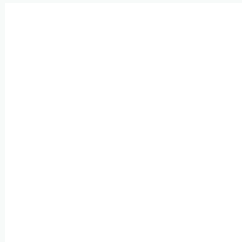
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 1.167, 174.055

Background



This preview shows how black text looks on a background with the CIELCh color 98, 1.167, 174.055.

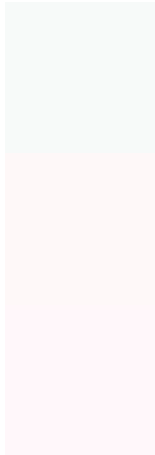


This preview shows how white text looks on a background with the CIELCh color 98, 1.167, 174.055.

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, 1.167, 174.055

Protanopia

98, 2.116, 19.237

Deuteranopia

98, 3.223, 351.093

Tritanopia
98, 3.070, 290.433

Trichromacy



Original Color

98, 1.167, 174.055

Protanomaly

98, 0.858, 54.929

Deuteranomaly

98, 1.752, 343.506

Tritanomaly

98, 2.074, 280.718

Monochromacy



Original Color

98, 1.167, 174.055

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 0.349, 201.249

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 1.167, 174.055 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(247, 250, 249)` looks like.

```
.text, #text, p{  
    color:rgb(247, 250, 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(247, 250, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 250, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 1.167, 174.055 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(247, 250, 249) }
```

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

```
.border{ border-color:rgb(247, 250, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 250, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 250, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 250, 249);  
box-shadow:4px 4px 4px 4px rgb(247, 250,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 1.167, 174.055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 250, 249) }
```

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

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