

Converting Colors

CIELCh(98, 0.280, 339.053)

Have a look what the booklet for
CIELCh(98, 0.280, 339.053) contains.

CIELCh(98, 0.352, 17.581)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	19
<i>Color Blindness Simulation</i>	22
<i>CSS Examples</i>	25

Color

CIELCh(98, 0.352, 17.581)

Conversions

Conversions Part 1

Format	Color
Hex	FAF9F9
RGB	250, 249, 249
RGB Percent	98%, 98%, 98%
CMY	0.0196, 0.0235, 0.0235
CMYK	0.00, 0.00, 0.00, 0.02
HSL	0°, 9%, 98%
HSV	0°, 0%, 98%
XYZ	90.4000, 94.9163, 103.1800
YIQ	249.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

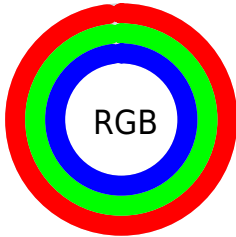
Format	Color
R _Y B	250, 249, 249
Decimal	16447993
CIE Lab	98.00, 0.34, 0.11
CIE LCh	98, 0.352, 17.581
Yxy	94.9163, 0.3133, 0.3290
Android (android.graphics.Color)	4294638073 (0xFFFAF9F9)
YUV	249.2990, -0.1474, 0.6148
Hunter-Lab	97.4250, -4.8647, 5.4051

Details

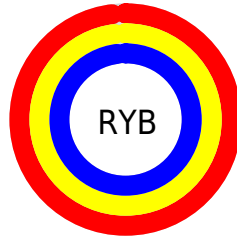
The CIELCh color **98, 0.352, 17.581** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98, 0.347, 201.622**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 0.369, 17.979** is the 20% darker color. If you saturate the color by 10%, you get **91, 9.451, 20.354**, and if you desaturate by 10%, it is **100, 1.735, 199.677**.

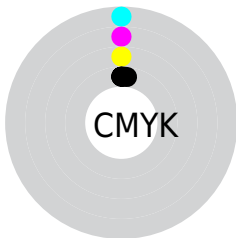
Distribution



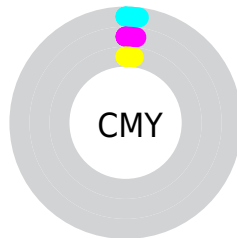
- Red (98%)
- Green (98%)
- Blue (98%)



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



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

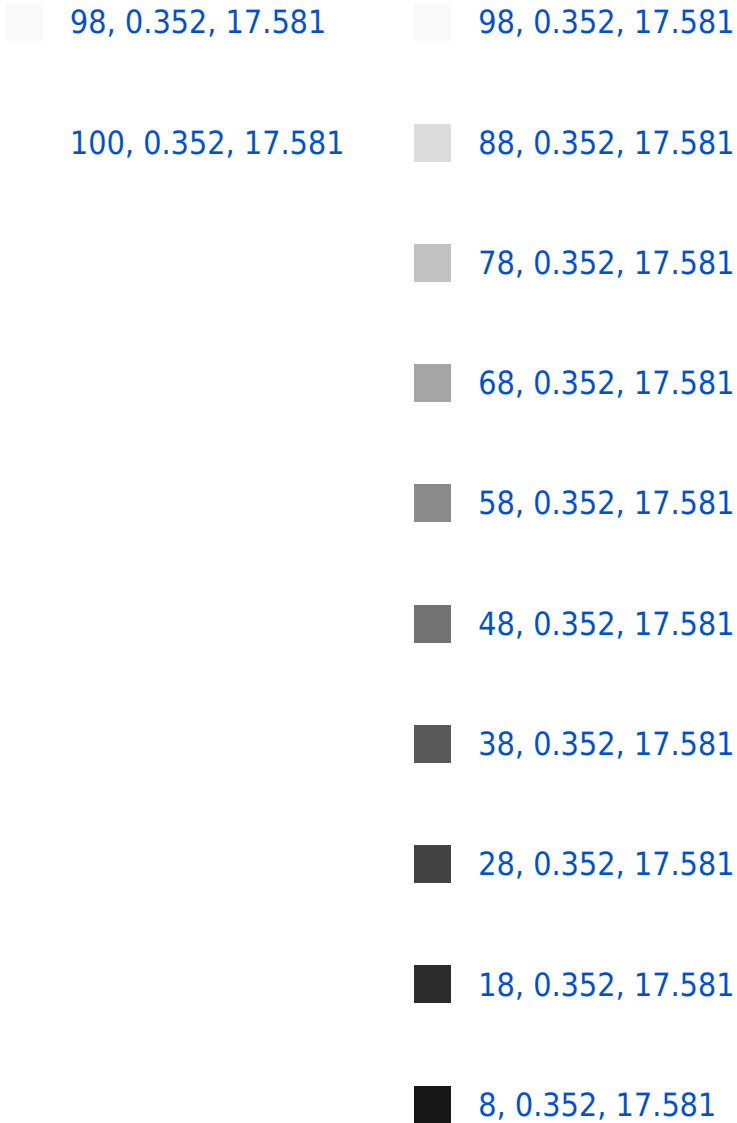


- Cyan (2%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 0.352, 17.581 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, 0.352, 17.581 by changing the saturation by 10% instead.



98, 0.352, 17.581

98, 0.352, 17.581

91, 9.451, 20.354

100, 1.735,
199.677

85, 19.291, 21.212

78, 29.877, 22.299

72, 41.150, 23.719

67, 52.954, 25.578

62, 65.014, 27.987

58, 76.931, 31.005

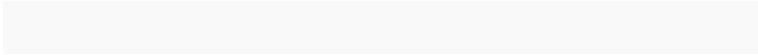
55, 88.119, 34.502

53, 97.420, 37.868

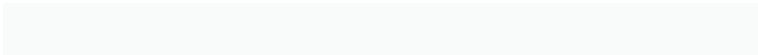
Harmonies

Complementary

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



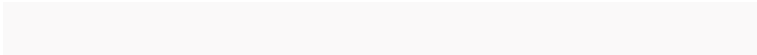
98, 0.352, 17.581



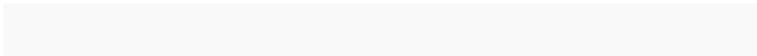
98, 0.347, 201.622

Rectangle

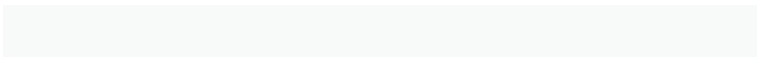
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



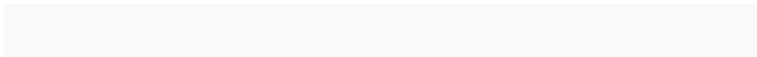
98, 0.352, 17.581



98, 0.352, 67.581



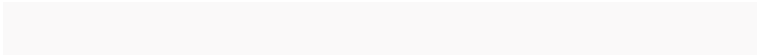
98, 0.352, 197.581



98, 0.352, 247.581

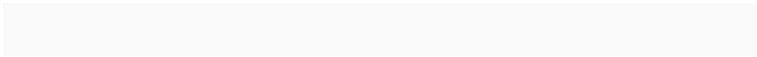
Sweetspot

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



98, 0.350, 17.923

100, 0.012, 296.813



98, 0.632, 323.981



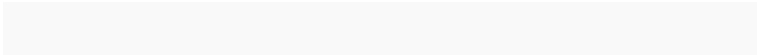
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



98, 0.350, 17.923

100, 0.012, 296.813



98, 0.298, 73.914



52, 0.007, 296.813



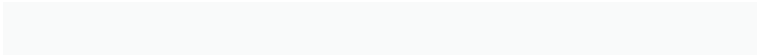
39, 83.332, 40.043



9, 32.104, 26.354

Inverse Universe

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



98, 0.347, 201.622

100, 0.012, 296.813



98, 0.315, 256.845



52, 0.007, 296.813



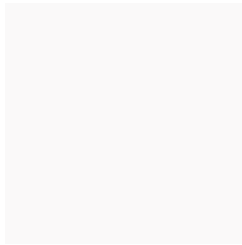
69, 39.720, 197.041



23, 17.985, 196.958

Previews

White Background



This preview shows how the CIELCh color 98, 0.352, 17.581 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, 0.352, 17.581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

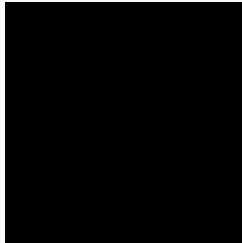
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

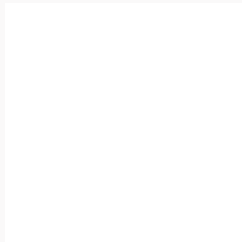
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 0.352, 17.581

Background



This preview shows how black text looks on a background with the CIELCh color 98, 0.352, 17.581.



This preview shows how white text looks on a background with the CIELCh color 98, 0.352, 17.581.

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, 0.352, 17.581

Protanopia

98, 2.116, 19.237

Deuteranopia

98, 3.223, 351.093

Tritanopia
98, 3.658, 301.411

Trichromacy



Original Color

98, 0.352, 17.581

Protanomaly

98, 1.762, 19.152

Deuteranomaly

98, 2.047, 349.333

Tritanomaly

98, 2.664, 305.560

Monochromacy



Original Color

98, 0.352, 17.581

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 0.011, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 0.352, 17.581 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(250, 249, 249)` looks like.

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

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

Border

The CSS property to change the border of an element to CIELCh 98, 0.352, 17.581 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(250, 249, 249) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to CIELCh 98, 0.352, 17.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(250,  
249, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor