

Converting Colors

CIELCh(98, 0.453, 164.481)

Have a look what the booklet for
CIELCh(98, 0.453, 164.481) contains.

CIELCh(98, 0.349, 201.249)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(98, 0.349, 201.249)

Conversions

Conversions Part 1

Format	Color
Hex	F8F9F9
RGB	248, 249, 249
RGB Percent	97%, 98%, 98%
CMY	0.0258, 0.0218, 0.0218
CMYK	0.00, 0.00, 0.00, 0.02
HSL	180°, 8%, 98%
HSV	180°, 0%, 98%
XYZ	90.0360, 94.9163, 103.5473
YIQ	248.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

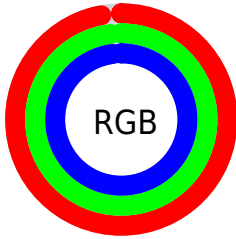
Format	Color
R _Y B	248, 249, 249
Decimal	16316921
CIE Lab	98.00, -0.33, -0.13
CIE LCh	98, 0.349, 201.249
Yxy	94.9163, 0.3121, 0.3290
Android (android.graphics.Color)	4294507001 (0xFFFF8F9F9)
YUV	248.7010, 0.1474, -0.6148
Hunter-Lab	97.4250, -5.5316, 5.1816

Details

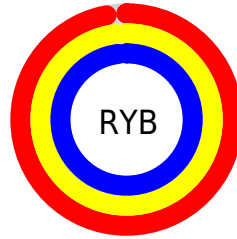
The CIELCh color **98, 0.349, 201.249** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98, 0.354, 17.250**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 0.366, 200.845** is the 20% darker color. If you saturate the color by 10%, you get **96, 8.871, 198.550**, and if you desaturate by 10%, it is **98, 1.962, 17.719**.

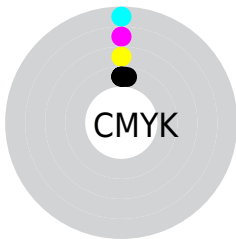
Distribution



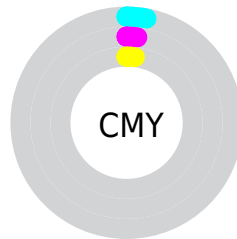
- Red (97%)
- Green (98%)
- Blue (98%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 0.349, 201.249 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, 0.349, 201.249 by changing the saturation by 10% instead.

 98, 0.349, 201.249

 98, 0.349, 201.249

100, 0.349,
201.249

 88, 0.349, 201.249

 78, 0.349, 201.249

 68, 0.349, 201.249

 58, 0.349, 201.249

 48, 0.349, 201.249

 38, 0.349, 201.249

 28, 0.349, 201.249

 18, 0.349, 201.249

 8, 0.349, 201.249

98, 0.349, 201.249

98, 0.349, 201.249

96, 8.871, 198.550

98, 1.962, 17.719

95, 16.896,
197.994

98, 1.964, 16.179

93, 24.285,
197.506

98, 1.968, 14.644

92, 30.894,
197.076

99, 1.974, 13.117

91, 36.589,
196.705

99, 1.981, 11.599

91, 41.263,
196.397

99, 1.989, 10.092

90, 44.848,
196.150

99, 1.999, 8.600

90, 47.339,
195.962

99, 2.010, 7.122

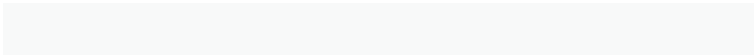
99, 2.022, 5.662

■ 89, 48.800,
195.828

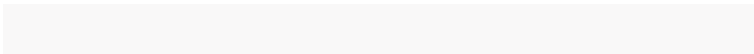
Harmonies

Complementary

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



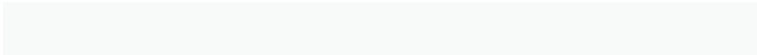
98, 0.349, 201.249



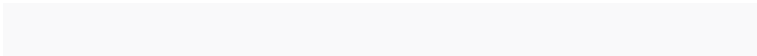
98, 0.354, 17.250

Rectangle

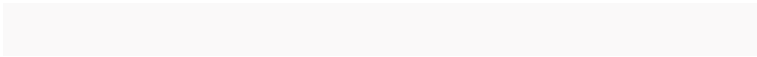
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



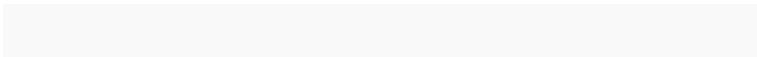
98, 0.349, 201.249



98, 0.349, 251.249



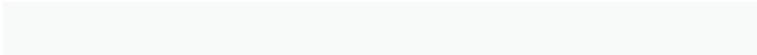
98, 0.349, 21.249



98, 0.349, 71.249

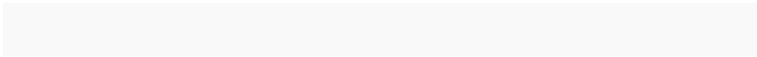
Sweetspot

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



98, 0.350, 200.893

100, 0.012, 296.813



98, 0.612, 144.468



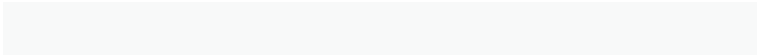
53, 0.007, 296.813



0, 0.000, 0.000

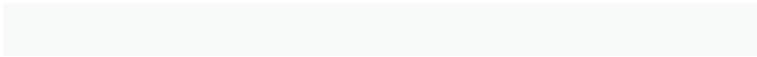
Same Dimension

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



98, 0.350, 200.893

100, 0.012, 296.813



98, 0.314, 255.073



52, 0.007, 296.813



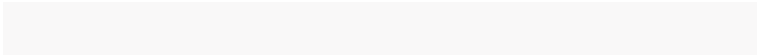
69, 40.083, 195.748



23, 18.128, 195.828

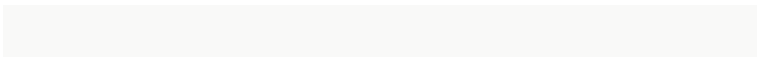
Inverse Universe

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



98, 0.354, 17.250

100, 0.012, 296.813



98, 0.297, 72.031



52, 0.007, 296.813



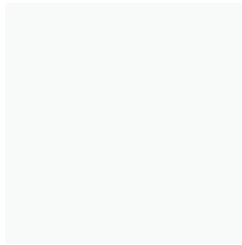
39, 83.196, 39.831



9, 32.164, 25.974

Previews

White Background



This preview shows how the CIELCh color 98, 0.349, 201.249 looks on a white background.

Color Contrast Check

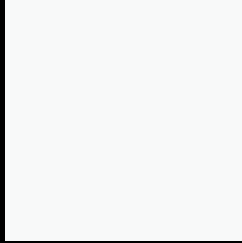
Large Text (above 18pt) WCAG AA × Fail

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, 0.349, 201.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

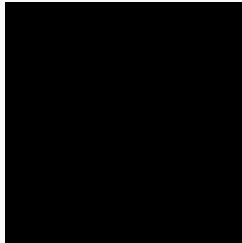
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

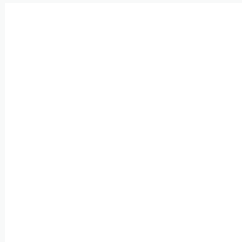
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 0.349, 201.249

Background



This preview shows how black text looks on a background with the CIELCh color 98, 0.349, 201.249.

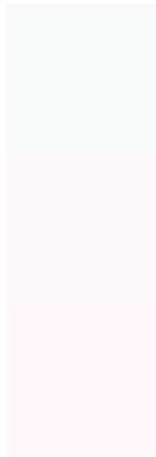


This preview shows how white text looks on a background with the CIELCh color 98, 0.349, 201.249.

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, 0.349, 201.249

Protanopia

98, 1.840, 3.099

Deuteranopia

98, 3.223, 351.093

Tritanopia
98, 3.658, 301.411

Trichromacy



Original Color

98, 0.349, 201.249

Protanomaly

98, 0.704, 18.526

Deuteranomaly

98, 2.047, 349.333

Tritanomaly

98, 2.050, 290.369

Monochromacy



Original Color

98, 0.349, 201.249

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, 0.349, 201.249 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(248, 249, 249)` looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 249, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 249, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 0.349, 201.249 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(248, 249, 249) }
```

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

```
.border{ border-color:rgb(248, 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(248, 249, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 249, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 249, 249);  
box-shadow:4px 4px 4px 4px rgb(248, 249,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 0.349, 201.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 249, 249) }
```

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

```
.background{ background-color: rgb(248,  
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](#).

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