

# Converting Colors

CIE LCh(98, 1.466, 222.163)

Have a look what the booklet for  
CIELCh(98, 1.466, 222.163) contains.

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# **Color**

**CIELCh(98, 1.479, 219.958)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6FAFB
RGB	246, 250, 251
RGB Percent	96%, 98%, 98%
CMY	0.0353, 0.0196, 0.0157
CMYK	0.02, 0.00, 0.00, 0.02
HSL	192°, 38%, 97%
HSV	192°, 2%, 98%
XYZ	89.5921, 94.9163, 104.8532
YIQ	248.9180, -2.7050, -0.5370

# Conversions

## Conversions Part 2

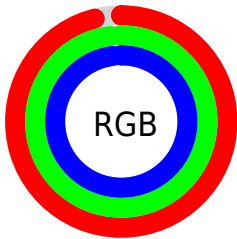
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 248, 251
Decimal	16186107
CIE Lab	98.00, -1.13, -0.95
CIE LCh	98, 1.479, 219.958
Yxy	94.9163, 0.3096, 0.3280
Android (android.graphics.Color)	4294376187 (0xFF6FAFB)
YUV	248.9180, 1.0264, -2.5591
Hunter-Lab	97.4250, -6.3450, 4.3869

# Details

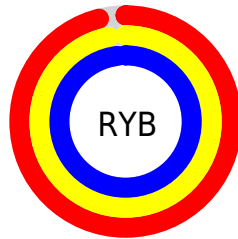
The CIELCh color 98, 1.479, 219.958 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 1.493, 38.910, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 1.548, 219.880 is the 20% darker color. If you saturate the color by 10%, you get 95, 8.682, 219.818, and if you desaturate by 10%, it is 100, 2.019, 109.890.

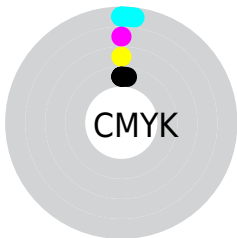
# Distribution



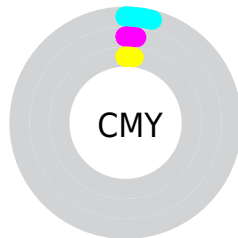
- Red (96%)
- Green (98%)
- Blue (98%)



- Red (96%)
- Yellow (97%)
- Blue (98%)



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



- Cyan (4%)
- Magenta (2%)
- Yellow (2%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 1.479, 219.958 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, 1.479, 219.958 by changing the saturation by 10% instead.



 98, 1.479, 219.958

 98, 1.479, 219.958

 100, 1.479,  
219.958

 88, 1.479, 219.958

 78, 1.479, 219.958

 68, 1.479, 219.958

 58, 1.479, 219.958

 48, 1.479, 219.958

 38, 1.479, 219.958

 28, 1.479, 219.958

 18, 1.479, 219.958

 8, 1.479, 219.958

98, 1.479, 219.958

98, 1.479, 219.958

95, 8.682, 219.818

100, 2.019,  
109.890

92, 15.457,  
220.263

100, 2.024,  
109.989

89, 21.697,  
220.934

87, 27.288,  
221.871

84, 32.118,  
223.138

82, 36.095,  
224.810

80, 39.169,  
226.975

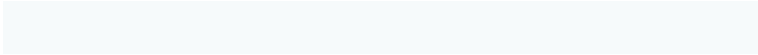
78, 41.352,  
229.716

■ 77, 42.744,  
233.098

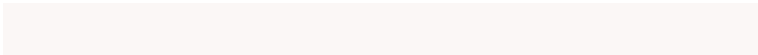
# Harmonies

# Complementary

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



98, 1.479, 219.958



97, 1.493, 38.910

# Rectangle

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



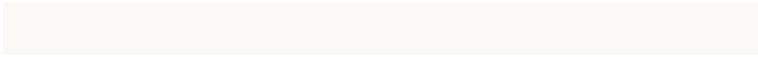
98, 1.479, 219.958



98, 1.479, 269.958



98, 1.479, 39.958



98, 1.479, 89.958

# Sweetspot

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



98, 1.480, 219.862



100, 0.755, 220.266



98, 2.729, 149.963



53, 0.430, 220.309



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, 1.480, 219.862



99, 1.505, 219.860



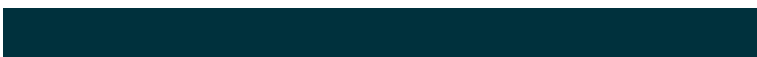
97, 1.831, 272.827



52, 0.842, 219.881



58, 35.027, 235.451

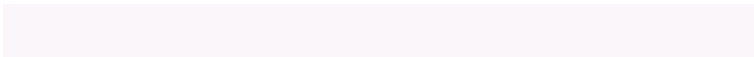


18, 15.722, 229.955



# Inverse Universe

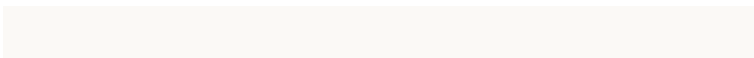
The Inverse Universe completely reimagines the original color for something new.



97, 2.718, 330.489



99, 2.764, 330.490



98, 1.811, 92.041



52, 1.546, 330.477



43, 78.946, 338.124

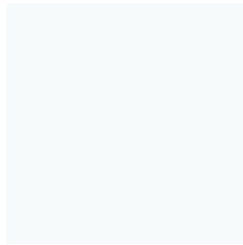


11, 36.399, 336.634



# Previews

## White Background



This preview shows how the CIELCh color 98, 1.479, 219.958 looks on a white background.

## Color Contrast Check

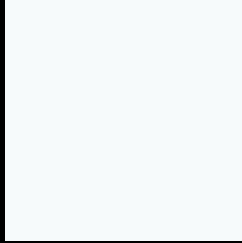
Large Text (above 18pt) WCAG AA × Fail

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, 1.479, 219.958 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

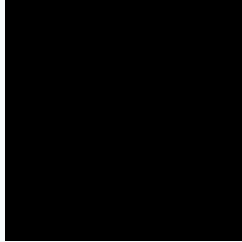
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**CIELCh 98, 1.479, 219.958**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 98, 1.479, 219.958.

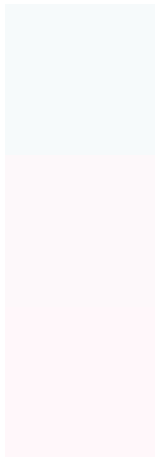


This preview shows how white text looks on a background with the CIELCh color 98, 1.479, 219.958.

# 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, 1.479, 219.958

### Protanopia

98, 2.047, 349.333

### Deuteranopia

98, 3.223, 351.093



**Tritanopia**  
98, 3.070, 290.433

# Trichromacy



**Original Color**

98, 1.479, 219.958

**Protanomaly**

98, 0.632, 323.982

**Deuteranomaly**

98, 1.752, 343.506

**Tritanomaly**

98, 2.578, 282.661

# Monochromacy



**Original Color**

98, 1.479, 219.958

**Achromatopsia**

98, 0.011, 296.813

**Achromatomaly**

98, 0.623, 256.213

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 98, 1.479, 219.958 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(246, 250, 251)` looks like.

```
.text, #text, p{  
    color:rgb(246, 250, 251)  
}
```

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(246, 250, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 250, 251) }
```

## Border

The CSS property to change the border of an element to CIELCh 98, 1.479, 219.958 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(246, 250, 251) }
```

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

```
.border{ border-color:rgb(246, 250, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 250, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 250, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 250, 251);  
box-shadow:4px 4px 4px 4px rgb(246, 250,  
251) }
```

# Background

The CSS property to change the background color of an element to CIELCh 98, 1.479, 219.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 250, 251) }
```

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

```
.background{ background-color: rgb(246,  
250, 251) }
```

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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