

Converting Colors

CIELCh(98, 5.094, 113.779)

Have a look what the booklet for
CIELCh(98, 5.094, 113.779) contains.

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Color

CIELCh(98, 5.096, 113.778)

Conversions

Conversions Part 1

Format	Color
Hex	F9FAF0
RGB	249, 250, 240
RGB Percent	98%, 98%, 94%
CMY	0.0230, 0.0191, 0.0583
CMYK	0.00, 0.00, 0.04, 0.02
HSL	66°, 51%, 96%
HSV	66°, 4%, 98%
XYZ	89.0881, 94.9163, 96.1647
YIQ	248.5610, 2.6140, -3.3220

Conversions

Conversions Part 2

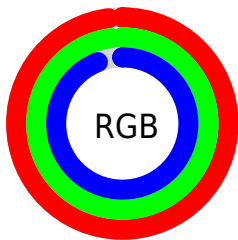
Format	Color
R_{YB}	240, 250, 241
Decimal	16382704
CIE _{Lab}	98.00, -2.05, 4.66
CIE _{LCh}	98, 5.096, 113.778
Yxy	94.9163, 0.3180, 0.3388
Android (android.graphics.Color)	4294572784 (0xFFFF9FAF0)
YUV	248.5610, -4.2206, 0.3850
Hunter-Lab	97.4250, -7.2684, 9.6745

Details

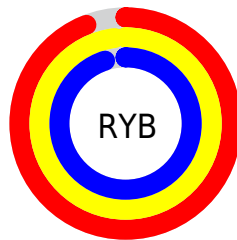
The CIELCh color **98, 5.096, 113.778** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 5.163, 294.462**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 5.346, 113.692** is the 20% darker color. If you saturate the color by 10%, you get **97, 17.834, 112.977**, and if you desaturate by 10%, it is **99, 2.549, 302.257**.

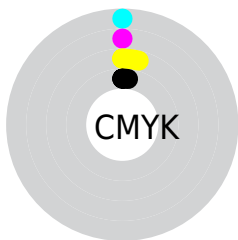
Distribution



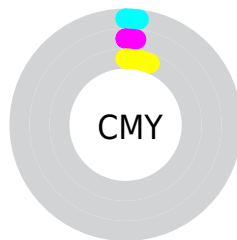
- Red (98%)
- Green (98%)
- Blue (94%)



- Red (94%)
- Yellow (98%)
- Blue (95%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 5.096, 113.778 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, 5.096, 113.778 by changing the saturation by 10% instead.

 98, 5.096, 113.778

 98, 5.096, 113.778

 100, 5.096,
113.778

 88, 5.096, 113.778

 78, 5.096, 113.778

 68, 5.096, 113.778

 58, 5.096, 113.778

 48, 5.096, 113.778

 38, 5.096, 113.778

 28, 5.096, 113.778

 18, 5.096, 113.778

 8, 5.096, 113.778

98, 5.096, 113.778

98, 5.096, 113.778

97, 17.834,
112.977

99, 2.549, 302.257

97, 30.451,
112.149

99, 2.870, 319.596

99, 3.028, 324.445

96, 42.835,
111.332


95, 54.812,
110.550

95, 66.113,
109.842

95, 76.339,
109.255

94, 84.947,
108.854

94, 91.325,
108.709

 94, 95.043,
108.874

Harmonies

Complementary

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



98, 5.096, 113.778



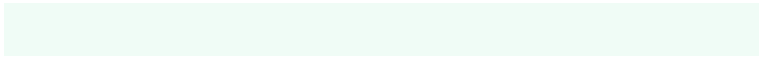
95, 5.163, 294.462

Rectangle

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



98, 5.096, 113.778



98, 5.096, 163.778



98, 5.096, 293.778



98, 5.096, 343.778

Sweetspot

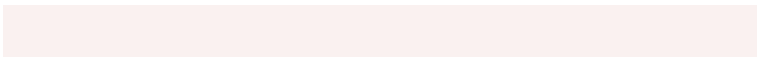
The Sweet Spot groups the original color and five complimentary colors.



98, 5.098, 113.794



100, 1.286, 114.019



96, 3.239, 28.498



53, 0.731, 114.022



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, 5.098, 113.794



100, 6.475, 113.714



98, 5.536, 132.350



52, 4.345, 113.658



73, 77.837, 108.995



24, 34.520, 108.587

Inverse Universe

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



95, 5.163, 294.462



96, 6.566, 294.547



96, 5.579, 312.618



50, 4.411, 294.607



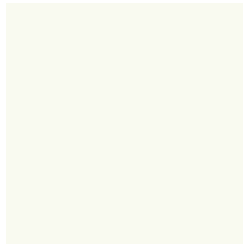
23, 106.147, 306.612



3, 42.310, 302.969

Previews

White Background



This preview shows how the CIE LCh color 98, 5.096, 113.778 looks on a white background.

Color Contrast Check

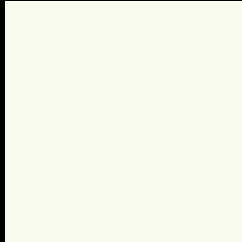
Large Text (above 18pt) WCAG AA × Fail

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, 5.096, 113.778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

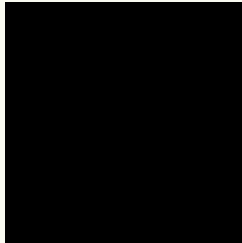
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

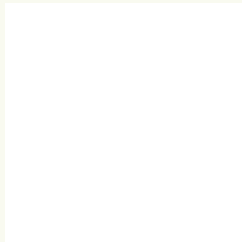
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 5.096, 113.778

Background



This preview shows how black text looks on a background with the CIELCh color 98, 5.096, 113.778.

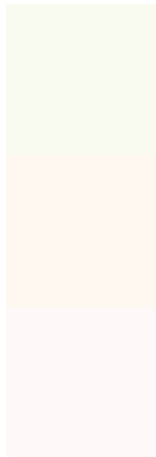


This preview shows how white text looks on a background with the CIELCh color 98, 5.096, 113.778.

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, 5.096, 113.778

Protanopia

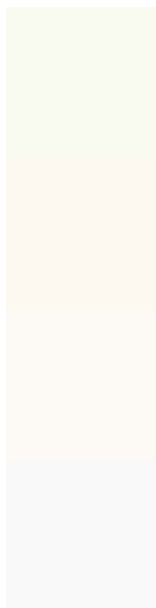
98, 4.754, 78.119

Deuteranopia

98, 2.470, 19.304

Tritanopia
98, 3.744, 306.635

Trichromacy



Original Color
98, 5.096, 113.778

Protanomaly
98, 4.776, 92.436

Deuteranomaly
98, 2.459, 74.856

Tritanomaly
98, 0.632, 323.982

Monochromacy



Original Color
98, 5.096, 113.778

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.517, 110.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 5.096, 113.778 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(249, 250, 240)` looks like.

```
.text, #text, p{  
    color:rgb(249, 250, 240)  
}
```

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(249, 250, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 250, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 5.096, 113.778 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(249, 250, 240) }
```

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

```
.border{ border-color:rgb(249, 250, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 250, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 250, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 250, 240);  
box-shadow:4px 4px 4px 4px rgb(249, 250,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 5.096, 113.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 250, 240) }
```

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

```
.background{ background-color: rgb(249,  
250, 240) }
```

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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