

Converting Colors

CIELCh(98, 5.735, 106.015)

Have a look what the booklet for
CIELCh(98, 5.735, 106.015) contains.

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Color

CIELCh(98, 5.595, 106.086)

Conversions

Conversions Part 1

Format	Color
Hex	FBFAEF
RGB	251, 250, 239
RGB Percent	98%, 98%, 94%
CMY	0.0166, 0.0205, 0.0636
CMYK	0.00, 0.00, 0.05, 0.02
HSL	55°, 59%, 96%
HSV	55°, 5%, 98%
XYZ	89.3639, 94.9163, 95.0974
YIQ	249.0450, 4.1270, -3.2090

Conversions

Conversions Part 2

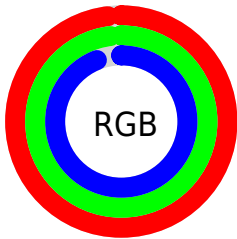
Format	Color
R _Y B	240, 251, 239
Decimal	16513775
CIE Lab	98.00, -1.55, 5.38
CIE LCh	98, 5.595, 106.086
Yxy	94.9163, 0.3199, 0.3397
Android (android.graphics.Color)	4294703855 (0xFFFBFAEF)
YUV	249.0450, -4.9522, 1.7145
Hunter-Lab	97.4250, -6.7631, 10.3240

Details

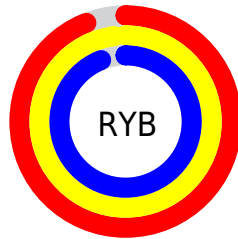
The CIELCh color **98, 5.595, 106.086** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 5.665, 287.145**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 5.862, 109.628** is the 20% darker color. If you saturate the color by 10%, you get **97, 17.317, 105.071**, and if you desaturate by 10%, it is **99, 1.647, 277.114**.

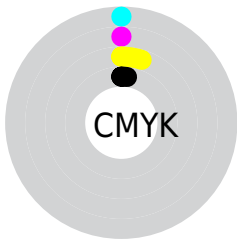
Distribution



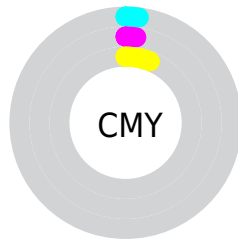
- Red (98%)
- Green (98%)
- Blue (94%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 5.595, 106.086 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, 5.595, 106.086 by changing the saturation by 10% instead.

 98, 5.595, 106.086

 98, 5.595, 106.086

 100, 5.595,
106.086

 88, 5.595, 106.086

 78, 5.595, 106.086

 68, 5.595, 106.086

 58, 5.595, 106.086

 48, 5.595, 106.086

 38, 5.595, 106.086

 28, 5.595, 106.086

 18, 5.595, 106.086

 8, 5.595, 106.086

98, 5.595, 106.086

98, 5.595, 106.086

97, 17.317,
105.071

99, 1.647, 277.114

96, 28.984,
104.009

99, 1.221, 226.145

95, 40.503,
102.941

100, 1.467,
199.764

94, 51.715,
101.884

93, 62.366,
100.857

93, 72.059, 99.884

92, 80.220, 98.988

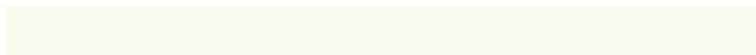
91, 86.158, 98.188

91, 89.330, 97.484

Harmonies

Complementary

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



98, 5.595, 106.086



95, 5.665, 287.145

Rectangle

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



98, 5.595, 106.086



98, 5.595, 156.086



98, 5.595, 286.086



98, 5.595, 336.086

Sweetspot

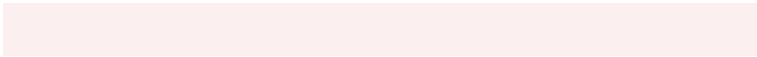
The Sweet Spot groups the original color and five complimentary colors.



98, 5.597, 106.104



100, 1.176, 106.414



95, 4.310, 12.737



53, 0.668, 106.414



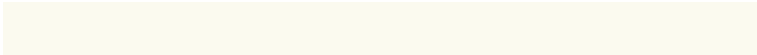
0, 0.000, 0.000



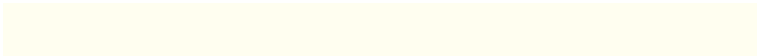
53, 0.007, 296.813

Same Dimension

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



98, 5.597, 106.104



99, 7.118, 105.982



98, 6.369, 125.894



52, 4.645, 105.917



70, 72.831, 97.248



23, 32.148, 98.264

Inverse Universe

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



95, 5.665, 287.145



95, 7.215, 287.277



95, 6.437, 306.321



49, 4.712, 287.348



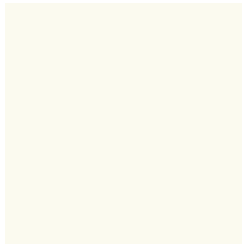
24, 102.836, 305.263



4, 39.574, 299.409

Previews

White Background



This preview shows how the CIE LCh color 98, 5.595, 106.086 looks on a white background.

Color Contrast Check

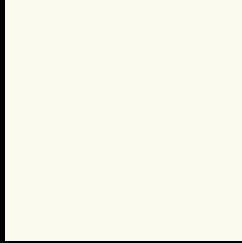
Large Text (above 18pt) WCAG AA × Fail

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, 5.595, 106.086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

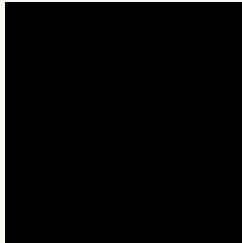
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 5.595, 106.086

Background



This preview shows how black text looks on a background with the CIELCh color 98, 5.595, 106.086.

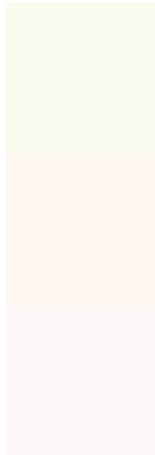


This preview shows how white text looks on a background with the CIELCh color 98, 5.595, 106.086.

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, 5.595, 106.086

Protanopia

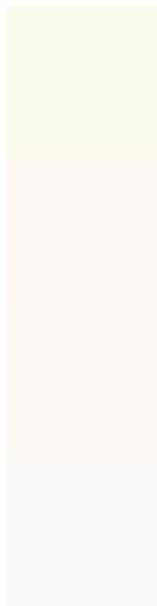
98, 4.754, 78.119

Deuteranopia

98, 2.470, 19.304

Tritanopia
98, 3.744, 306.635

Trichromacy



Original Color
98, 5.595, 106.086

Protanomaly
98, 4.776, 92.436

Deuteranomaly
98, 2.459, 74.856

Tritanomaly
98, 0.704, 18.526

Monochromacy



Original Color
98, 5.595, 106.086

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.053, 100.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 5.595, 106.086 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(251, 250, 239)` looks like.

```
.text, #text, p{  
    color:rgb(251, 250, 239)  
}
```

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(251, 250, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 250, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 5.595, 106.086 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(251, 250, 239) }
```

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

```
.border{ border-color:rgb(251, 250, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 250, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 250, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 250, 239);  
box-shadow:4px 4px 4px 4px rgb(251, 250,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 5.595, 106.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 250, 239) }
```

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

```
.background{ background-color: rgb(251,  
250, 239) }
```

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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