

Converting Colors

CIELCh(98, 19.681, 107.601)

Have a look what the booklet for
CIELCh(98, 19.681, 107.601)
contains.

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Color

CIElCh(98, 19.757, 107.593)

Conversions

Conversions Part 1

Format	Color
Hex	FD FCD5
RGB	253, 252, 213
RGB Percent	99%, 99%, 84%
CMY	0.0096, 0.0135, 0.1664
CMYK	0.00, 0.00, 0.16, 0.01
HSL	59°, 89%, 91%
HSV	59°, 16%, 99%
XYZ	86.9658, 94.9163, 76.3959
YIQ	247.8530, 13.1150, -11.9170

Conversions

Conversions Part 2

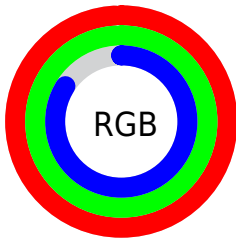
Format	Color
R _Y B	214, 253, 213
Decimal	16645333
CIE Lab	98.00, -5.97, 18.83
CIE LCh	98, 19.757, 107.593
Yxy	94.9163, 0.3367, 0.3675
Android (android.graphics.Color)	4294835413 (0xFFFD5)
YUV	247.8530, -17.1825, 4.5139
Hunter-Lab	97.4250, -11.1568, 21.7051

Details

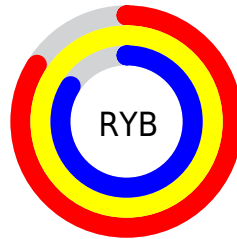
The CIELCh color **98, 19.757, 107.593** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 20.457, 290.949**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 19.649, 107.207** is the 20% darker color. If you saturate the color by 10%, you get **97, 32.119, 106.596**, and if you desaturate by 10%, it is **99, 7.285, 108.589**.

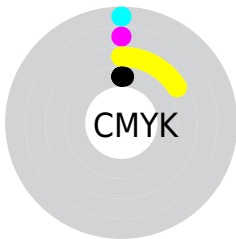
Distribution



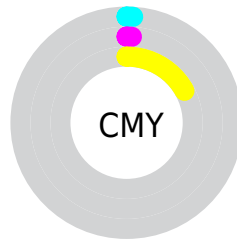
- Red (99%)
- Green (99%)
- Blue (84%)



- Red (84%)
- Yellow (99%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (16%)
- Black (1%)





- Cyan (1%)
- Magenta (1%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 19.757, 107.593 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, 19.757, 107.593 by changing the saturation by 10% instead.


 98, 19.757,
107.593


 98, 19.757,
107.593


 100, 19.757,
107.593


 88, 19.757,
107.593


 78, 19.757,
107.593

 68, 19.757,
107.593

 58, 19.757,
107.593

 48, 19.757,
107.593

 38, 19.757,
107.593

 28, 19.757,

107.593

■ 18, 19.757,
107.593

■ 8, 19.757, 107.593

■ 98, 19.757,
107.593

■ 98, 19.757,
107.593

■ 97, 32.119,
106.596

■ 99, 7.285, 108.589

■ 97, 44.247,
105.603

■ 99, 1.128, 285.706

■ 99, 0.859, 269.253

■ 96, 55.958,
104.640

■ 100, 0.713,
242.637

■ 96, 66.961,
103.735

■ 100, 0.761,
212.261

■ 96, 76.822,
102.920

100, 0.853,
200.128

■ 95, 84.956,
102.232

■ 95, 90.727,
101.705

■ 95, 93.742,
101.352

■ 95, 94.417,
101.240

Harmonies

Complementary

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



98, 19.757, 107.593



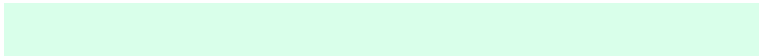
87, 20.457, 290.949

Rectangle

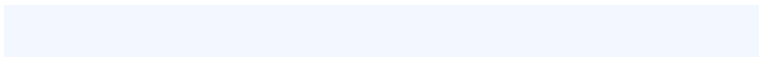
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 19.757, 107.593



98, 19.757, 157.593



98, 19.757, 287.593



98, 19.757, 337.593

Sweetspot

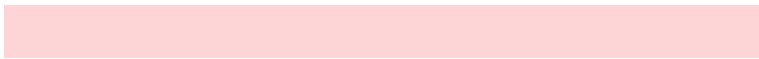
The Sweet Spot groups the original color and five complimentary colors.



98, 19.759, 107.599



100, 6.294, 108.669



88, 14.865, 17.820



53, 4.295, 108.601



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, 19.759, 107.599



99, 23.878, 107.281



97, 21.464, 127.161



53, 7.159, 108.229



74, 76.631, 101.267



25, 34.842, 101.625

Inverse Universe

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



87, 20.457, 290.949



85, 24.902, 291.362



88, 21.973, 308.655



49, 7.313, 290.189



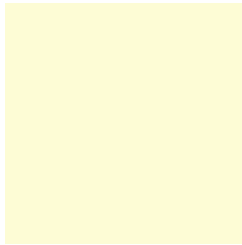
23, 106.662, 306.001



4, 43.340, 301.349

Previews

White Background



This preview shows how the CIE LCh color 98, 19.757, 107.593 looks on a white background.

Color Contrast Check

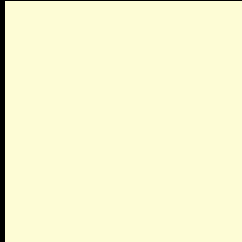
Large Text (above 18pt) WCAG AA × Fail

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, 19.757, 107.593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

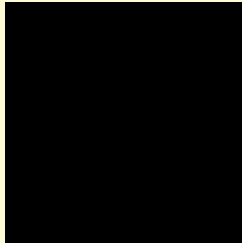
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 19.757, 107.593

Background



This preview shows how black text looks on a background with the CIELCh color 98, 19.757, 107.593.

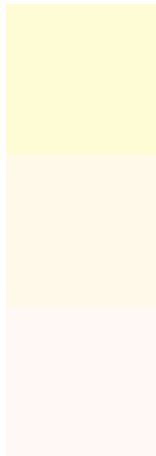


This preview shows how white text looks on a background with the CIELCh color 98, 19.757, 107.593.

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, 19.757, 107.593

Protanopia

98, 7.909, 93.714

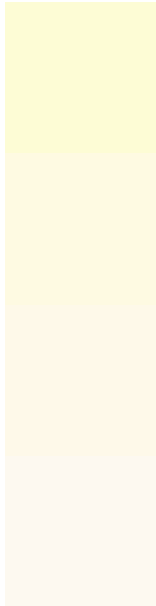
Deuteranopia

98, 2.896, 51.088



Tritanopia
98, 4.619, 317.378

Trichromacy



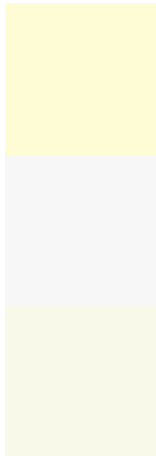
Original Color
98, 19.757, 107.593

Protanomaly
98, 12.266, 102.415

Deuteranomaly
98, 8.317, 97.021

Tritanomaly
98, 4.776, 92.436

Monochromacy



Original Color
98, 19.757, 107.593

Achromatopsia
97, 0.011, 296.813

Achromatomaly
98, 7.627, 109.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 19.757, 107.593 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(253, 252, 213)` looks like.

```
.text, #text, p{  
    color:rgb(253, 252, 213)  
}
```

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(253, 252, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 252, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 19.757, 107.593 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(253, 252, 213) }
```

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

```
.border{ border-color:rgb(253, 252, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 252, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 252, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 252, 213);  
box-shadow:4px 4px 4px 4px rgb(253, 252,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 19.757, 107.593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 252, 213) }
```

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

```
.background{ background-color: rgb(253,  
252, 213) }
```

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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