

Converting Colors

CIELCh(100, 13.612, 70.547)

Have a look what the booklet for
CIELCh(100, 13.612, 70.547)
contains.

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Color

CIElCh(98, 10.746, 101.605)

Conversions

Conversions Part 1

Format	Color
Hex	FEFAE5
RGB	254, 250, 229
RGB Percent	100%, 98%, 90%
CMY	0.0048, 0.0204, 0.1027
CMYK	0.00, 0.02, 0.10, 0.00
HSL	50°, 91%, 95%
HSV	50°, 10%, 100%
XYZ	89.0296, 94.9163, 87.6167
YIQ	248.8020, 9.1250, -5.6830

Conversions

Conversions Part 2

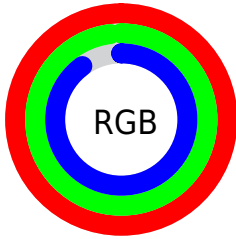
Format	Color
R_{YB}	234, 254, 229
Decimal	16710373
CIE _{Lab}	98.00, -2.16, 10.53
CIE _{LCh}	98, 10.746, 101.605
Yxy	94.9163, 0.3278, 0.3495
Android (android.graphics.Color)	4294900453 (0xFFFEFAE5)
YUV	248.8020, -9.7624, 4.5586
Hunter-Lab	97.4250, -7.3754, 14.8765

Details

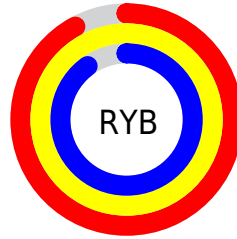
The CIELCh color **98, 10.746, 101.605** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 10.907, 283.889**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 10.707, 103.027** is the 20% darker color. If you saturate the color by 10%, you get **96, 21.721, 100.486**, and if you desaturate by 10%, it is **100, 0.185, 283.613**.

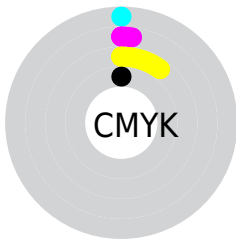
Distribution



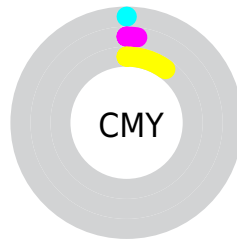
- Red (100%)
- Green (98%)
- Blue (90%)



- Red (92%)
- Yellow (100%)
- Blue (90%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 10.746, 101.605 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, 10.746, 101.605 by changing the saturation by 10% instead.


 98, 10.746,
101.605


 98, 10.746,
101.605


 100, 10.746,
101.605


 88, 10.746,
101.605

 78, 10.746,
101.605

 68, 10.746,
101.605

 58, 10.746,
101.605

 48, 10.746,
101.605

 38, 10.746,
101.605

 28, 10.746,

101.605

■ 18, 10.746,
101.605

■ 8, 10.746, 101.605

■ 98, 10.746,
101.605

■ 98, 10.746,
101.605

■ 96, 21.721,
100.486

■ 100, 0.185,
283.613

■ 95, 32.678, 99.326

■ 100, 0.422,
200.947

■ 94, 43.517, 98.149

■ 92, 54.064, 96.967

■ 91, 64.026, 95.789

■ 90, 72.932, 94.623

■ 89, 80.104, 93.462

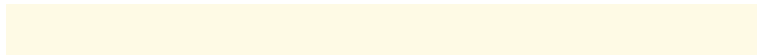
■ 87, 84.766, 92.284

■ 86, 86.687, 91.047

Harmonies

Complementary

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



98, 10.746, 101.605



93, 10.907, 283.889

Rectangle

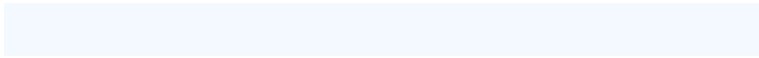
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 10.746, 101.605



98, 10.746, 151.605



98, 10.746, 281.605



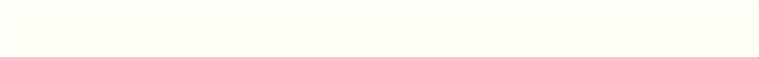
98, 10.746, 331.605

Sweetspot

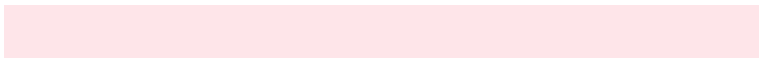
The Sweet Spot groups the original color and five complimentary colors.



98, 10.748, 101.616



100, 3.275, 102.342



93, 9.270, 6.672



53, 2.485, 102.264



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, 10.748, 101.616



98, 13.166, 101.375



98, 13.042, 122.517



52, 6.233, 101.653



67, 70.196, 91.254



23, 31.380, 92.934

Inverse Universe

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



93, 10.907, 283.889



91, 13.396, 284.165



92, 13.289, 303.602



49, 6.323, 283.847



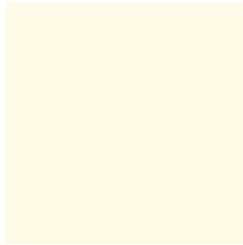
26, 98.298, 303.684



5, 39.043, 298.669

Previews

White Background



This preview shows how the CIE LCh color 98, 10.746, 101.605 looks on a white background.

Color Contrast Check

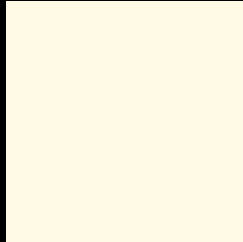
Large Text (above 18pt) WCAG AA × Fail

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, 10.746, 101.605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

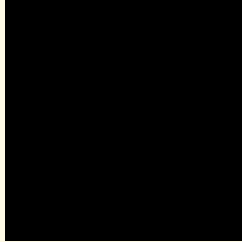
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 10.746, 101.605

Background



This preview shows how black text looks on a background with the CIELCh color 98, 10.746, 101.605.

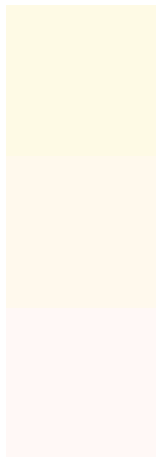


This preview shows how white text looks on a background with the CIELCh color 98, 10.746, 101.605.

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, 10.754, 101.601

Protanopia

98, 6.450, 90.201

Deuteranopia

98, 2.666, 41.733



Tritanopia
98, 4.619, 317.378

Trichromacy



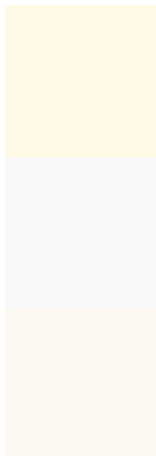
Original Color
98, 10.754, 101.601

Protanomaly
98, 7.909, 93.714

Deuteranomaly
98, 5.031, 84.604

Tritanomaly
98, 2.320, 60.313

Monochromacy



Original Color
98, 10.754, 101.601

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 3.617, 98.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 10.746, 101.605 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(254, 250, 229)` looks like.

```
.text, #text, p{  
    color:rgb(254, 250, 229)  
}
```

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(254, 250, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 250, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 10.746, 101.605 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(254, 250, 229) }
```

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

```
.border{ border-color:rgb(254, 250, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 250, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 250, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 250, 229);  
box-shadow:4px 4px 4px 4px rgb(254, 250,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 10.746, 101.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 250, 229) }
```

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

```
.background{ background-color: rgb(254,  
250, 229) }
```

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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