

Converting Colors

CIELCh(100, 29.818, 86.101)

Have a look what the booklet for
CIELCh(100, 29.818, 86.101)
contains.

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Color

CIElCh(98, 27.811, 105.703)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCC5
RGB	255, 252, 197
RGB Percent	100%, 99%, 77%
CMY	0.0000, 0.0117, 0.2274
CMYK	0.00, 0.01, 0.23, 0.00
HSL	57°, 100%, 89%
HSV	57°, 23%, 100%
XYZ	86.1324, 94.9163, 66.6070
YIQ	246.6270, 19.4430, -16.4690

Conversions

Conversions Part 2

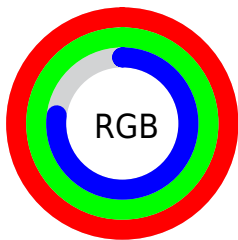
Format	Color
R _Y B	200, 255, 197
Decimal	16776389
CIE Lab	98.00, -7.53, 26.77
CIE LCh	98, 27.811, 105.703
Yxy	94.9163, 0.3478, 0.3833
Android (android.graphics.Color)	4294966469 (0xFFFFFCC5)
YUV	246.6270, -24.4661, 7.3431
Hunter-Lab	97.4250, -12.6837, 27.6624

Details

The CIELCh color **98, 27.811, 105.703** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 29.180, 290.790**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **78, 28.014, 105.928** is the 20% darker color. If you saturate the color by 10%, you get **97, 39.847, 104.682**, and if you desaturate by 10%, it is **99, 15.617, 106.740**.

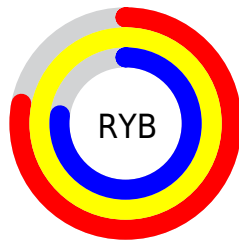
Distribution



Red (100%)

Green (99%)

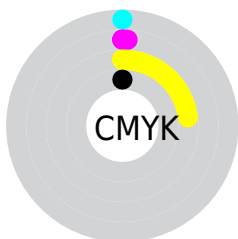
Blue (77%)



Red (78%)

Yellow (100%)

Blue (77%)

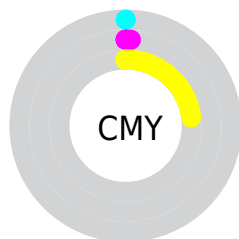


Cyan (0%)

Magenta (1%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (1%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 27.811, 105.703 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, 27.811, 105.703 by changing the saturation by 10% instead.


 98, 27.811,
105.703


 98, 27.811,
105.703


 100, 27.811,
105.703


 88, 27.811,
105.703

 78, 27.811,
105.703

 68, 27.811,
105.703

 58, 27.811,
105.703

 48, 27.811,
105.703

 38, 27.811,
105.703

 28, 27.811,

105.703

■ 18, 27.811,
105.703

■ 8, 27.811, 105.703

■ 98, 27.811,
105.703

■ 98, 27.811,
105.703

■ 97, 39.847,
104.682

■ 99, 15.617,
106.740

■ 97, 51.565,
103.668

■ 100, 3.354,
107.733

■ 96, 62.720,
102.692

■ 100, 0.012,
296.813

■ 95, 72.929,
101.781

■ 95, 81.646,
100.968

■ 94, 88.201,
100.280

■ 94, 92.033, 99.734

■ 94, 93.268, 99.410

Harmonies

Complementary

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



98, 27.811, 105.703



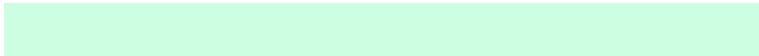
82, 29.180, 290.790

Rectangle

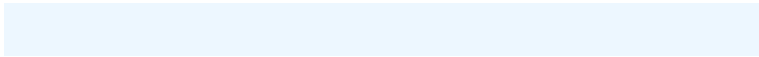
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 27.811, 105.703



98, 27.811, 155.703



98, 27.811, 285.703



98, 27.811, 335.703

Sweetspot

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



98, 27.813, 105.712



99, 8.579, 107.321



85, 22.060, 15.926



53, 5.574, 107.261



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

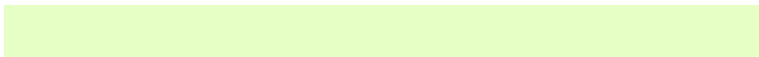
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 27.813, 105.712



98, 32.964, 105.273



97, 30.820, 125.594



53, 6.969, 107.069



72, 75.169, 99.472



25, 34.119, 100.077

Inverse Universe

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



82, 29.180, 290.790



79, 34.942, 291.429



83, 31.959, 307.895



49, 7.111, 289.072



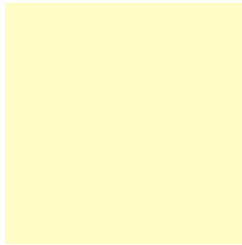
24, 105.487, 305.695



4, 42.491, 300.882

Previews

White Background



This preview shows how the CIELCh color 98, 27.811, 105.703 looks on a white background.

Color Contrast Check

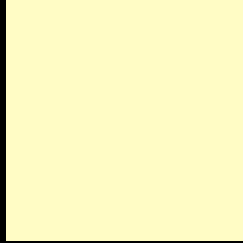
Large Text (above 18pt) WCAG AA × Fail

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, 27.811, 105.703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

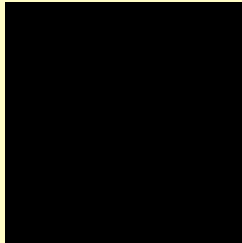
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 27.811, 105.703

Background



This preview shows how black text looks on a background with the CIELCh color 98, 27.811, 105.703.

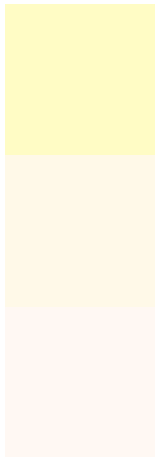


This preview shows how white text looks on a background with the CIELCh color 98, 27.811, 105.703.

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, 27.811, 105.703

Protanopia
98, 8.893, 95.390

Deuteranopia
98, 3.537, 65.249



Tritanopia
98, 4.981, 324.553

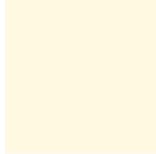
Trichromacy



Original Color
98, 27.811, 105.703



Protanomaly
98, 15.834, 102.288

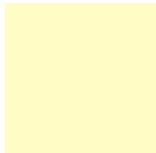


Deuteranomaly
98, 11.879, 98.658

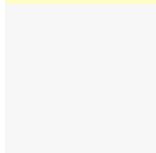


Tritanomaly
98, 7.909, 93.714

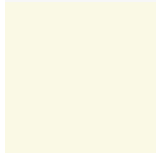
Monochromacy



Original Color
98, 27.811, 105.703



Achromatopsia
97, 0.011, 296.813



Achromatomaly
98, 10.172, 107.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 27.811, 105.703 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(255, 252, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 197)  
}
```

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(255, 252, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 27.811, 105.703 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(255, 252, 197) }
```

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

```
.border{ border-color:rgb(255, 252, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 27.811, 105.703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 197) }
```

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

```
.background{ background-color: rgb(255,  
252, 197) }
```

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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