

Converting Colors

CIELCh(100, 27.801, 82.353)

Have a look what the booklet for
CIELCh(100, 27.801, 82.353)
contains.

CIELCh(98, 24.843, 104.794)	3
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Color

CIELCh(98, 24.843, 104.794)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBCA
RGB	255, 251, 202
RGB Percent	100%, 98%, 79%
CMY	0.0000, 0.0139, 0.2061
CMYK	0.00, 0.01, 0.21, 0.00
HSL	56°, 100%, 90%
HSV	56°, 21%, 100%
XYZ	86.7660, 94.9163, 69.9006
YIQ	246.6100, 18.1130, -14.3910

Conversions

Conversions Part 2

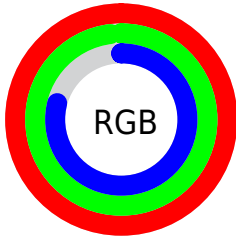
Format	Color
R _Y B	206, 255, 202
Decimal	16776138
CIE Lab	98.00, -6.34, 24.02
CIE LCh	98, 24.843, 104.794
Yxy	94.9163, 0.3449, 0.3773
Android (android.graphics.Color)	4294966218 (0xFFFFFBCA)
YUV	246.6100, -21.9927, 7.3580
Hunter-Lab	97.4250, -11.5228, 25.6580

Details

The CIELCh color **98, 24.843, 104.794** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 25.884, 289.816**, 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, 24.924, 105.098** is the 20% darker color. If you saturate the color by 10%, you get **97, 36.751, 104.155**, and if you desaturate by 10%, it is **99, 12.799, 106.245**.

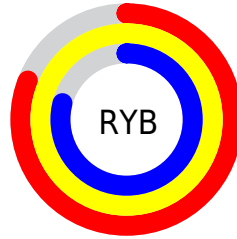
Distribution



Red (100%)

Green (98%)

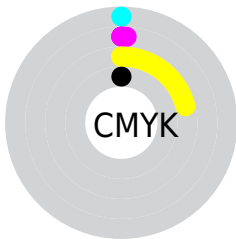
Blue (79%)



Red (81%)

Yellow (100%)

Blue (79%)

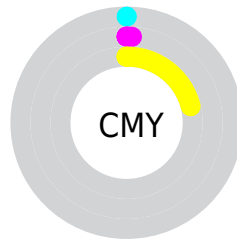


Cyan (0%)

Magenta (1%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (1%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 24.843, 104.794 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, 24.843, 104.794 by changing the saturation by 10% instead.

 98, 24.843,
104.794


 98, 24.843,
104.794

 100, 24.843,
104.794

 88, 24.843,
104.794

 78, 24.843,
104.794

 68, 24.843,
104.794

 58, 24.843,
104.794

 48, 24.843,
104.794

 38, 24.843,
104.794

 28, 24.843,

104.794

■ 18, 24.843,
104.794

■ 8, 24.843, 104.794

■ 98, 24.843,
104.794

■ 98, 24.843,
104.794

■ 97, 36.751,
104.155

■ 99, 12.799,
106.245

■ 96, 48.410,
103.113

■ 100, 0.724,
107.126

■ 96, 59.596,
102.099

■ 100, 0.012,
296.813

■ 95, 69.963,
101.136

■ 94, 79.001,
100.252

■ 94, 86.049, 99.474

■ 93, 90.467, 98.816

■ 93, 92.235, 98.291

Harmonies

Complementary

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



98, 24.843, 104.794



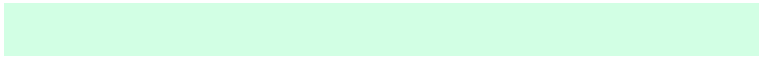
84, 25.884, 289.816

Rectangle

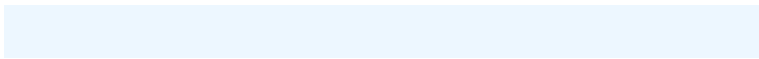
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 24.843, 104.794



98, 24.843, 154.794



98, 24.843, 284.794



98, 24.843, 334.794

Sweetspot

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



98, 24.836, 105.205



99, 7.234, 106.713



86, 19.859, 14.373



53, 4.799, 106.648



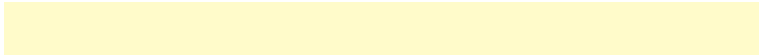
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

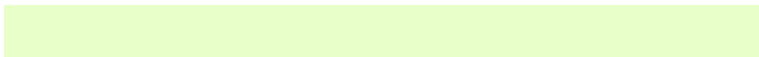
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 24.836, 105.205



98, 30.088, 104.744



97, 27.840, 125.084



53, 6.859, 106.358



72, 74.350, 98.374



25, 33.702, 99.130

Inverse Universe

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



84, 25.884, 289.816



81, 31.670, 290.459



85, 28.794, 307.197



49, 6.993, 288.386



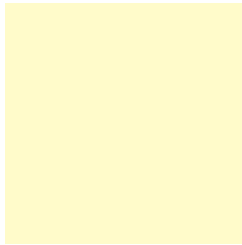
24, 104.758, 305.502



4, 41.992, 300.594

Previews

White Background



This preview shows how the CIE LCh color 98, 24.843, 104.794 looks on a white background.

Color Contrast Check

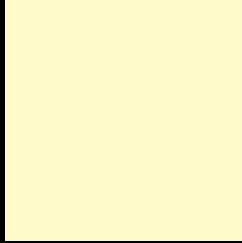
Large Text (above 18pt) WCAG AA × Fail

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, 24.843, 104.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

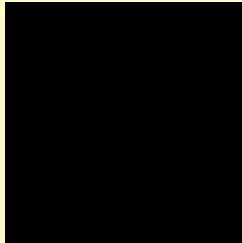
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 24.843, 104.794

Background



This preview shows how black text looks on a background with the CIELCh color 98, 24.843, 104.794.

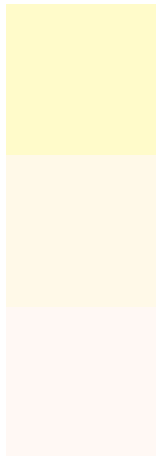


This preview shows how white text looks on a background with the CIELCh color 98, 24.843, 104.794.

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, 24.843, 104.794

Protanopia

98, 8.893, 95.390

Deuteranopia

98, 3.192, 58.882

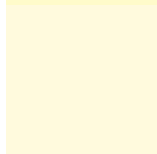


Tritanopia
98, 4.981, 324.553

Trichromacy



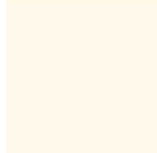
Original Color
98, 24.843, 104.794



Protanomaly
98, 14.827, 101.930



Deuteranomaly
98, 10.382, 97.276

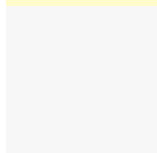


Tritanomaly
98, 6.933, 91.542

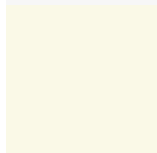
Monochromacy



Original Color
98, 24.843, 104.794



Achromatopsia
97, 0.011, 296.813



Achromatomaly
98, 9.156, 107.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 24.843, 104.794 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, 251, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 202)  
}
```

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, 251, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 24.843, 104.794 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, 251, 202) }
```

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

```
.border{ border-color:rgb(255, 251, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 24.843, 104.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 202) }
```

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

```
.background{ background-color: rgb(255,  
251, 202) }
```

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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