

Converting Colors

CIELCh(98, 21.274, 103.359)

Have a look what the booklet for
CIELCh(98, 21.274, 103.359)
contains.

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Color

CIELCh(98, 21.326, 104.529)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBD1
RGB	255, 251, 209
RGB Percent	100%, 98%, 82%
CMY	0.0000, 0.0154, 0.1801
CMYK	0.00, 0.02, 0.18, 0.00
HSL	55°, 100%, 91%
HSV	55°, 18%, 100%
XYZ	87.3003, 94.9163, 74.0841
YIQ	247.4080, 15.8660, -12.2140

Conversions

Conversions Part 2

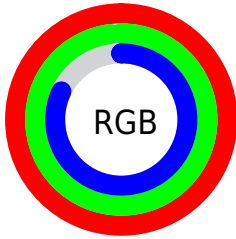
Format	Color
R_{YB}	213, 255, 209
Decimal	16776145
CIE _{Lab}	98.00, -5.35, 20.64
CIE _{LCh}	98, 21.326, 104.529
Yxy	94.9163, 0.3406, 0.3703
Android (android.graphics.Color)	4294966225 (0xFFFFFBD1)
YUV	247.4080, -18.9351, 6.6582
Hunter-Lab	97.4250, -10.5440, 23.1121

Details

The CIELCh color **98, 21.326, 104.529** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 22.064, 288.644**, 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, 21.780, 105.025** is the 20% darker color. If you saturate the color by 10%, you get **97, 33.090, 103.535**, and if you desaturate by 10%, it is **99, 9.485, 105.655**.

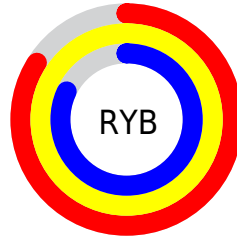
Distribution



Red (100%)

Green (98%)

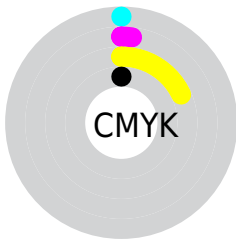
Blue (82%)



Red (84%)

Yellow (100%)

Blue (82%)

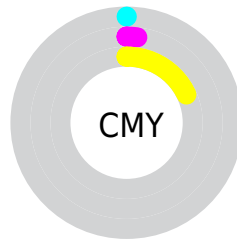


Cyan (0%)

Magenta (2%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 21.326, 104.529 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, 21.326, 104.529 by changing the saturation by 10% instead.


 98, 21.326,
104.529


 98, 21.326,
104.529


 100, 21.326,
104.529


 88, 21.326,
104.529

 78, 21.326,
104.529

 68, 21.326,
104.529

 58, 21.326,
104.529

 48, 21.326,
104.529

 38, 21.326,
104.529

 28, 21.326,

104.529

■ 18, 21.326,
104.529

■ 8, 21.326, 104.529

■ 98, 21.326,
104.529

■ 98, 21.326,
104.529

■ 97, 33.090,
103.535

■ 99, 9.485, 105.655

■ 96, 44.662,
102.464

100, 0.012,
296.813

■ 95, 55.856,
101.409

■ 94, 66.373,
100.392

■ 94, 75.752, 99.433

■ 93, 83.357, 98.557

■ 92, 88.490, 97.776

■ 92, 90.800, 97.080

■ 92, 91.082, 96.947

Harmonies

Complementary

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



98, 21.326, 104.529



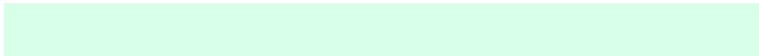
86, 22.064, 288.644

Rectangle

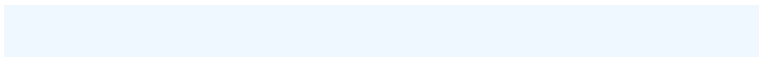
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 21.326, 104.529



98, 21.326, 154.529



98, 21.326, 284.529



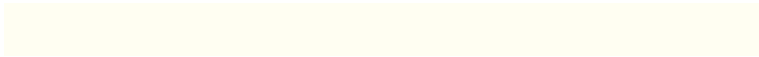
98, 21.326, 334.529

Sweetspot

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



98, 21.326, 104.604



99, 5.914, 105.962



88, 17.233, 12.771



53, 4.036, 105.891



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, 21.326, 104.604



98, 26.031, 104.179



98, 24.256, 124.596



53, 6.732, 105.501



71, 73.434, 97.056



24, 33.223, 97.992

Inverse Universe

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



86, 22.064, 288.644



83, 27.152, 289.208



87, 25.000, 306.465



49, 6.858, 287.560



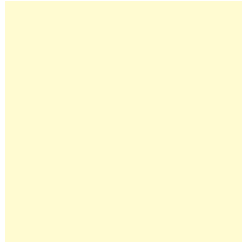
24, 103.771, 305.237



4, 41.411, 300.245

Previews

White Background



This preview shows how the CIE LCh color 98, 21.326, 104.529 looks on a white background.

Color Contrast Check

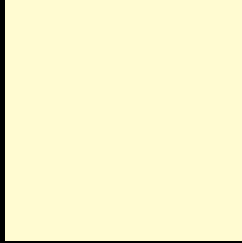
Large Text (above 18pt) WCAG AA × Fail

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, 21.326, 104.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

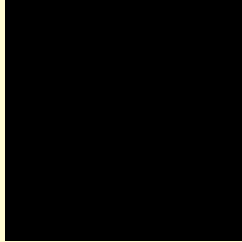
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 21.326, 104.529

Background



This preview shows how black text looks on a background with the CIELCh color 98, 21.326, 104.529.

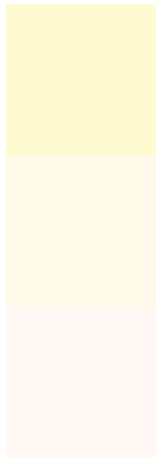


This preview shows how white text looks on a background with the CIELCh color 98, 21.326, 104.529.

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, 21.326, 104.529

Protanopia
98, 8.400, 94.603

Deuteranopia
98, 3.192, 58.882

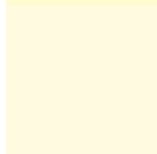


Tritanopia
98, 4.981, 324.553

Trichromacy



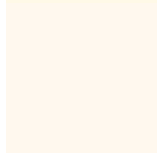
Original Color
98, 21.326, 104.529



Protanomaly
98, 13.318, 101.270



Deuteranomaly
98, 9.388, 96.089

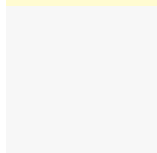


Tritanomaly
98, 5.650, 83.422

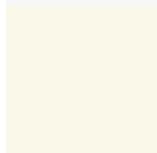
Monochromacy



Original Color
98, 21.326, 104.529



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 7.659, 104.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 21.326, 104.529 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 21.326, 104.529 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, 209) }
```

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

```
.border{ border-color:rgb(255, 251, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 21.326, 104.529 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, 209) }
```

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

```
.background{ background-color: rgb(255,  
251, 209) }
```

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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