

Converting Colors

CIELCh(98, 24.223, 103.843)

Have a look what the booklet for
CIELCh(98, 24.223, 103.843)
contains.

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Color

CIElCh(98, 24.341, 104.766)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBCB
RGB	255, 251, 203
RGB Percent	100%, 98%, 80%
CMY	0.0000, 0.0141, 0.2024
CMYK	0.00, 0.01, 0.20, 0.00
HSL	56°, 100%, 90%
HSV	56°, 20%, 100%
XYZ	86.8410, 94.9163, 70.4885
YIQ	246.7240, 17.7920, -14.0800

Conversions

Conversions Part 2

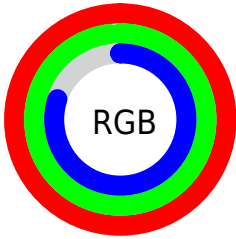
Format	Color
R _Y B	207, 255, 203
Decimal	16776139
CIE Lab	98.00, -6.20, 23.54
CIE LCh	98, 24.341, 104.766
Yxy	94.9163, 0.3443, 0.3763
Android (android.graphics.Color)	4294966219 (0xFFFFFBCB)
YUV	246.7240, -21.5559, 7.2581
Hunter-Lab	97.4250, -11.3854, 25.3002

Details

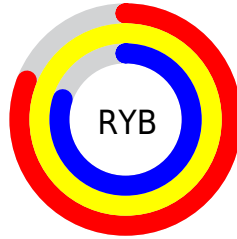
The CIELCh color **98, 24.341, 104.766** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 25.335, 289.663**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 24.401, 105.092** is the 20% darker color. If you saturate the color by 10%, you get **97, 36.232, 104.082**, and if you desaturate by 10%, it is **99, 12.322, 106.176**.

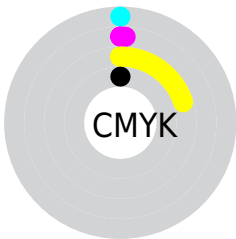
Distribution



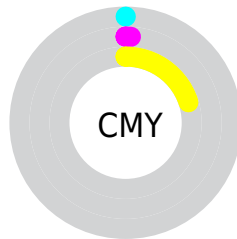
- Red (100%)
- Green (98%)
- Blue (80%)



- Red (81%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 24.341, 104.766 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, 24.341, 104.766 by changing the saturation by 10% instead.


 98, 24.341,
104.766


 98, 24.341,
104.766


 100, 24.341,
104.766

 88, 24.341,
104.766

 78, 24.341,
104.766

 68, 24.341,
104.766

 58, 24.341,
104.766

 48, 24.341,
104.766

 38, 24.341,
104.766

 28, 24.341,

104.766

■ 18, 24.341,
104.766

■ 8, 24.341, 104.766

■ 98, 24.341,
104.766

■ 98, 24.341,
104.766

■ 97, 36.232,
104.082

■ 99, 12.322,
106.176

■ 96, 47.884,
103.037

100, 0.275,
106.807

■ 95, 59.075,
102.017

100, 0.012,
296.813

■ 95, 69.468,
101.047

■ 94, 78.560,
100.153

■ 94, 85.691, 99.361

■ 93, 90.212, 98.686

■ 93, 92.086, 98.124

Harmonies

Complementary

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



98, 24.341, 104.766



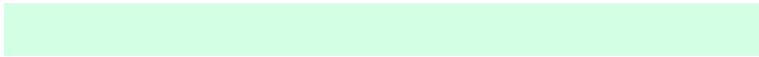
84, 25.335, 289.663

Rectangle

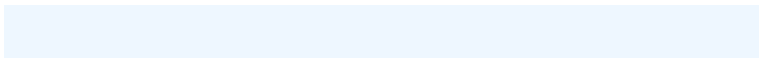
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 24.341, 104.766



98, 24.341, 154.766



98, 24.341, 284.766



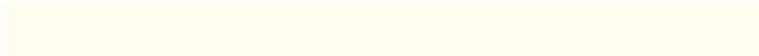
98, 24.341, 334.766

Sweetspot

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



98, 24.334, 105.135



99, 7.217, 106.608



86, 19.477, 14.331



53, 4.788, 106.542



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

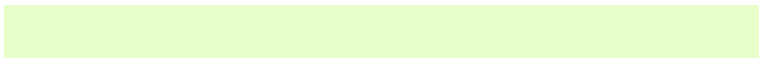
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 24.334, 105.135



98, 28.830, 104.739



97, 27.339, 125.103



53, 6.842, 106.252



72, 74.232, 98.211



24, 33.641, 98.989

Inverse Universe

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



84, 25.335, 289.663



81, 30.266, 290.209



85, 28.259, 307.175



49, 6.976, 288.284



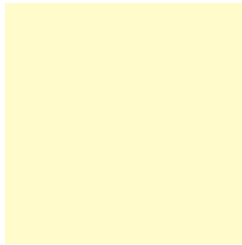
24, 104.642, 305.471



4, 41.919, 300.551

Previews

White Background



This preview shows how the CIE LCh color 98, 24.341, 104.766 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, 24.341, 104.766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

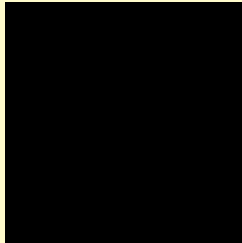
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 24.341, 104.766

Background



This preview shows how black text looks on a background with the CIELCh color 98, 24.341, 104.766.

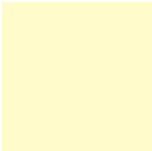
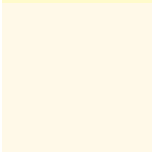
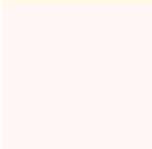



This preview shows how white text looks on a background with the CIELCh color 98, 24.341, 104.766.

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, 24.341, 104.766
	Protanopia 98, 8.893, 95.390
	Deuteranopia 98, 3.192, 58.882



Tritanopia
98, 4.981, 324.553

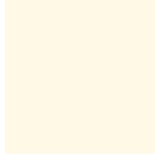
Trichromacy



Original Color
98, 24.341, 104.766



Protanomaly
98, 14.324, 101.728



Deuteranomaly
98, 10.382, 97.276

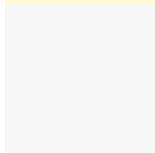


Tritanomaly
98, 6.933, 91.542

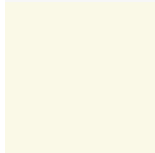
Monochromacy



Original Color
98, 24.341, 104.766



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, 24.341, 104.766 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 24.341, 104.766 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, 203) }
```

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

```
.border{ border-color:rgb(255, 251, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 24.341, 104.766 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, 203) }
```

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

```
.background{ background-color: rgb(255,  
251, 203) }
```

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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