

Converting Colors

CIELCh(98, 32.723, 109.024)

Have a look what the booklet for
CIELCh(98, 32.723, 109.024)
contains.

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Color

CIElCh(98, 32.745, 109.015)

Conversions

Conversions Part 1

Format	Color
Hex	FCFEBD
RGB	252, 254, 189
RGB Percent	99%, 100%, 74%
CMY	0.0133, 0.0054, 0.2603
CMYK	0.01, 0.00, 0.26, 0.01
HSL	62°, 96%, 87%
HSV	62°, 26%, 99%
XYZ	84.4655, 94.9163, 61.8016
YIQ	245.9920, 19.6730, -20.6390

Conversions

Conversions Part 2

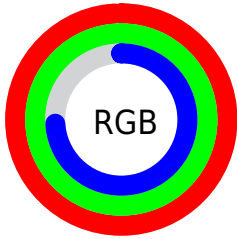
Format	Color
RYB	189, 254, 191
Decimal	16580285
CIELab	98.00, -10.67, 30.96
CIELCh	98, 32.745, 109.015
Yxy	94.9163, 0.3502, 0.3935
Android (android.graphics.Color)	4294770365 (0xFFFCFEBD)
YUV	245.9920, -28.0971, 5.2690
Hunter-Lab	97.4250, -15.7378, 30.5868

Details

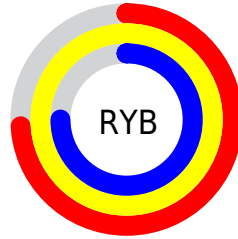
The CIELCh color **98, 32.745, 109.015** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **79, 34.823, 294.298**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 4.553, 109.821**, and **78, 32.644, 108.581** is the 20% darker color. If you saturate the color by 10%, you get **98, 45.177, 108.102**, and if you desaturate by 10%, it is **99, 20.057, 109.949**.

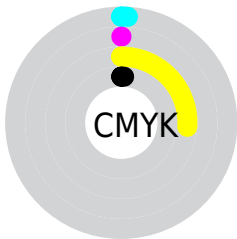
Distribution



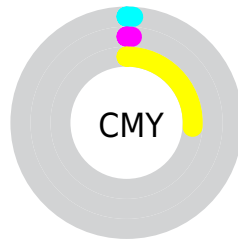
- Red (99%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (26%)
- Black (1%)





- Cyan (1%)
- Magenta (1%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 32.745, 109.015 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, 32.745, 109.015 by changing the saturation by 10% instead.


 98, 32.745,
109.015


 98, 32.745,
109.015


 100, 32.745,
109.015


 88, 32.745,
109.015

 78, 32.745,
109.015

 68, 32.745,
109.015

 58, 32.745,
109.015

 48, 32.745,
109.015

 38, 32.745,
109.015

 28, 32.745,

109.015

■ 18, 32.745,
109.015

■ 8, 32.745, 109.015

■ 98, 32.745,
109.015

■ 98, 32.745,
109.015

■ 98, 45.177,
108.102

■ 99, 20.057,
109.949

■ 97, 57.155,
107.225

■ 99, 7.230, 110.872

■ 97, 68.386,
106.419

100, 0.726,
299.822

■ 97, 78.435,
105.725

100, 0.821,
318.974

100, 0.868,

■ 96, 86.724,
105.193

324.116

■ 96, 92.642,
104.870

■ 96, 95.826,
104.786

■ 96, 96.593,
104.803

Harmonies

Complementary

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



98, 32.745, 109.015



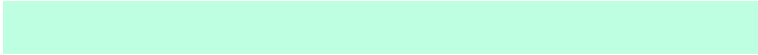
79, 34.823, 294.298

Rectangle

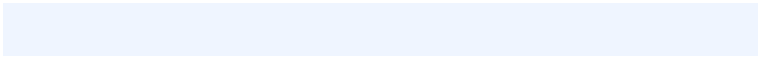
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 32.745, 109.015



98, 32.745, 159.015



98, 32.745, 289.015



98, 32.745, 339.015

Sweetspot

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



98, 32.747, 109.019



99, 10.331, 110.655



83, 24.729, 22.686



53, 7.341, 110.516



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

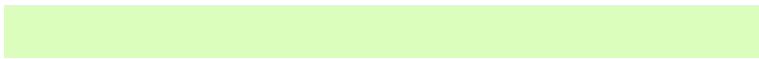
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 32.747, 109.019



98, 39.647, 108.522



96, 35.247, 128.466



53, 7.341, 110.516



75, 78.120, 104.770



26, 35.532, 104.708

Inverse Universe

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



79, 34.823, 294.298



75, 42.805, 295.075



81, 36.480, 310.865



49, 7.508, 292.338



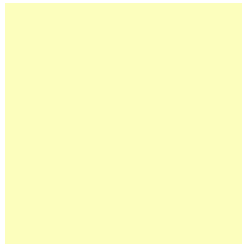
23, 107.626, 306.374



3, 44.203, 302.386

Previews

White Background



This preview shows how the CIE LCh color 98, 32.745, 109.015 looks on a white background.

Color Contrast Check

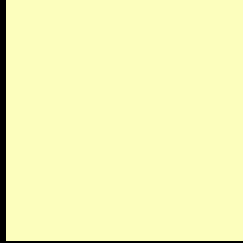
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 98, 32.745, 109.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

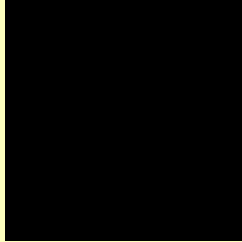
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 32.745, 109.015

Background



This preview shows how black text looks on a background with the CIELCh color 98, 32.745, 109.015.

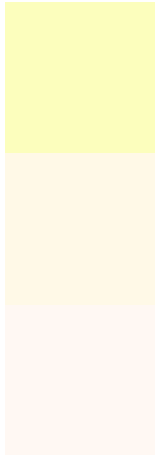


This preview shows how white text looks on a background with the CIELCh color 98, 32.745, 109.015.

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, 32.745, 109.015

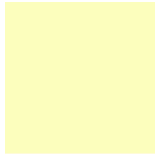
Protanopia
98, 9.388, 96.089

Deuteranopia
98, 3.537, 65.249



Tritanopia
98, 4.791, 321.097

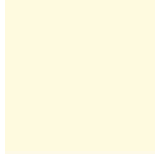
Trichromacy



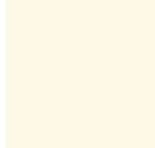
Original Color
98, 32.745, 109.015



Protanomaly
98, 17.777, 105.242



Deuteranomaly
98, 13.779, 103.025

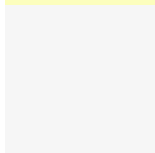


Tritanomaly
98, 9.253, 100.477

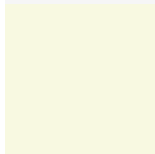
Monochromacy



Original Color
98, 32.745, 109.015



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 12.211, 110.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 32.745, 109.015 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(252, 254, 189)` looks like.

```
.text, #text, p{  
    color:rgb(252, 254, 189)  
}
```

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(252, 254, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 254, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 32.745, 109.015 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(252, 254, 189) }
```

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

```
.border{ border-color:rgb(252, 254, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 254, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 254, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 254, 189);  
box-shadow:4px 4px 4px 4px rgb(252, 254,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 32.745, 109.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 254, 189) }
```

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

```
.background{ background-color: rgb(252,  
254, 189) }
```

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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