

Converting Colors

CIELCh(100, 32.409, 86.345)

Have a look what the booklet for
CIELCh(100, 32.409, 86.345)
contains.

CIELCh(98, 30.307, 105.689)	3
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Color

CIElCh(98, 30.307, 105.689)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCC0
RGB	255, 252, 192
RGB Percent	100%, 99%, 75%
CMY	0.0000, 0.0107, 0.2461
CMYK	0.00, 0.01, 0.25, 0.00
HSL	57°, 100%, 88%
HSV	57°, 25%, 100%
XYZ	85.7760, 94.9163, 63.8165
YIQ	246.0570, 21.0480, -18.0240

Conversions

Conversions Part 2

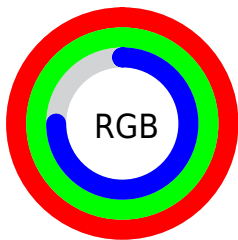
Format	Color
R _Y B	195, 255, 192
Decimal	16776384
CIE Lab	98.00, -8.20, 29.18
CIE LCh	98, 30.307, 105.689
Yxy	94.9163, 0.3508, 0.3882
Android (android.graphics.Color)	4294966464 (0xFFFFFCC0)
YUV	246.0570, -26.6501, 7.8430
Hunter-Lab	97.4250, -13.3368, 29.3606

Details

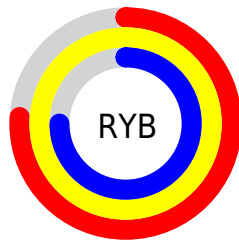
The CIELCh color **98, 30.307, 105.689** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **80, 31.970, 291.398**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **78, 30.606, 105.813** is the 20% darker color. If you saturate the color by 10%, you get **97, 42.376, 104.870**, and if you desaturate by 10%, it is **99, 18.040, 106.910**.

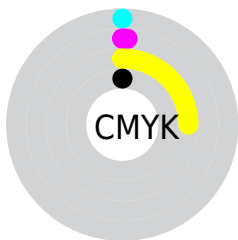
Distribution



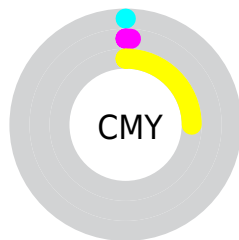
- Red (100%)
- Green (99%)
- Blue (75%)



- Red (76%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 30.307, 105.689 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, 30.307, 105.689 by changing the saturation by 10% instead.


 98, 30.307,
105.689


 98, 30.307,
105.689


 100, 30.307,
105.689


 88, 30.307,
105.689

 78, 30.307,
105.689

 68, 30.307,
105.689

 58, 30.307,
105.689

 48, 30.307,
105.689

 38, 30.307,
105.689

 28, 30.307,

105.689

■ 18, 30.307,
105.689

■ 8, 30.307, 105.689

■ 98, 30.307,
105.689

■ 98, 30.307,
105.689

■ 97, 42.376,
104.870

■ 99, 18.040,
106.910

■ 97, 54.081,
103.873

■ 100, 5.688,
107.911

■ 96, 65.147,
102.923

100, 0.012,
296.813

■ 96, 75.163,
102.049

■ 95, 83.550,
101.283

■ 95, 89.643,
100.656

■ 94, 92.960,
100.181

■ 94, 93.813, 99.973

Harmonies

Complementary

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



98, 30.307, 105.689



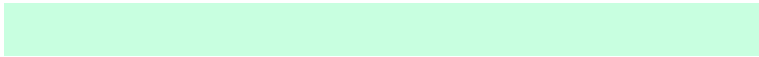
80, 31.970, 291.398

Rectangle

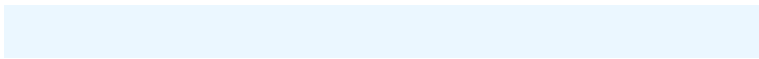
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 30.307, 105.689



98, 30.307, 155.689



98, 30.307, 285.689



98, 30.307, 335.689

Sweetspot

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



98, 30.305, 105.889



99, 8.649, 107.676



83, 24.028, 17.446



53, 5.620, 107.616



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

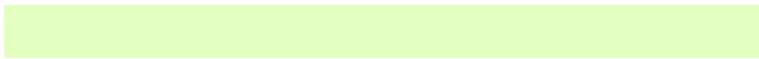
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 30.305, 105.889



98, 36.850, 105.337



97, 33.457, 126.115



53, 7.026, 107.426



73, 75.602, 100.024



25, 34.336, 100.553

Inverse Universe

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



80, 31.970, 291.398



76, 39.414, 292.235



82, 34.759, 308.570



49, 7.172, 289.415



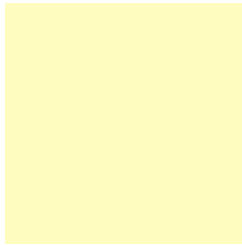
24, 105.839, 305.787



4, 42.748, 301.026

Previews

White Background



This preview shows how the CIE LCh color 98, 30.307, 105.689 looks on a white background.

Color Contrast Check

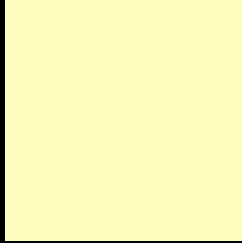
Large Text (above 18pt) WCAG AA × Fail

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, 30.307, 105.689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

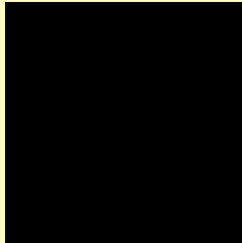
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 30.307, 105.689

Background



This preview shows how black text looks on a background with the CIELCh color 98, 30.307, 105.689.

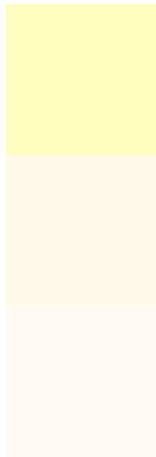


This preview shows how white text looks on a background with the CIELCh color 98, 30.307, 105.689.

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, 30.307, 105.689

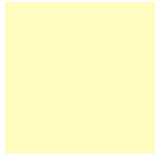
Protanopia
98, 8.893, 95.390

Deuteranopia
98, 3.537, 65.249



Tritanopia
98, 4.569, 328.153

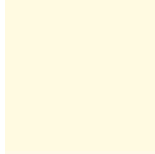
Trichromacy



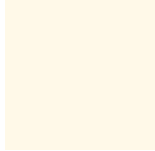
Original Color
98, 30.307, 105.689



Protanomaly
98, 16.337, 102.447



Deuteranomaly
98, 12.815, 101.009

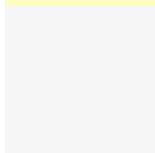


Tritanomaly
98, 8.893, 95.390

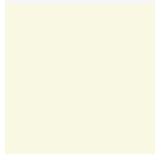
Monochromacy



Original Color
98, 30.307, 105.689



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 11.196, 107.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 30.307, 105.689 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 30.307, 105.689 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, 192) }
```

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

```
.border{ border-color:rgb(255, 252, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 30.307, 105.689 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, 192) }
```

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

```
.background{ background-color: rgb(255,  
252, 192) }
```

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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