

Converting Colors

CIELCh(100, 32.845, 90.616)

Have a look what the booklet for
CIELCh(100, 32.845, 90.616)
contains.

CIELCh(98, 31.270, 106.386)	3
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Color

CIElCh(98, 31.270, 106.386)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDBF
RGB	255, 253, 191
RGB Percent	100%, 99%, 75%
CMY	0.0016, 0.0094, 0.2525
CMYK	0.00, 0.01, 0.25, 0.00
HSL	58°, 99%, 87%
HSV	58°, 25%, 100%
XYZ	85.4430, 94.9163, 62.8808
YIQ	246.5300, 21.0940, -18.8580

Conversions

Conversions Part 2

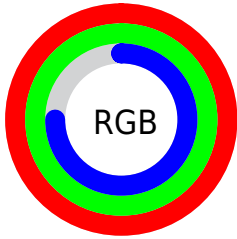
Format	Color
RYB	193, 255, 191
Decimal	16776639
CIELab	98.00, -8.82, 30.00
CIELCh	98, 31.270, 106.386
Yxy	94.9163, 0.3513, 0.3902
Android (android.graphics.Color)	4294966719 (0xFFFFFDBF)
YUV	246.5300, -27.3763, 7.4282
Hunter-Lab	97.4250, -13.9468, 29.9300

Details

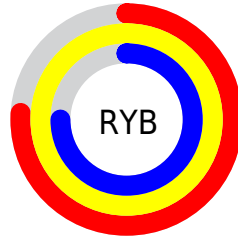
The CIELCh color **98, 31.270, 106.386** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **80, 33.085, 291.977**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 3.539, 109.892**, and **78, 31.122, 105.788** is the 20% darker color. If you saturate the color by 10%, you get **97, 43.437, 105.388**, and if you desaturate by 10%, it is **99, 18.891, 107.399**.

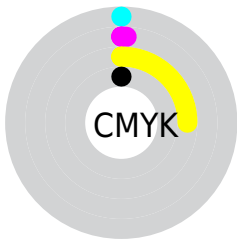
Distribution



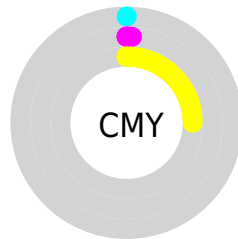
- Red (100%)
- Green (99%)
- Blue (75%)



- 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, 31.270, 106.386 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, 31.270, 106.386 by changing the saturation by 10% instead.


 98, 31.270,
106.386


 98, 31.270,
106.386


 100, 31.270,
106.386


 88, 31.270,
106.386

 78, 31.270,
106.386

 68, 31.270,
106.386

 58, 31.270,
106.386

 48, 31.270,
106.386

 38, 31.270,
106.386

 28, 31.270,

106.386

■ 18, 31.270,
106.386

■ 8, 31.270, 106.386

■ 98, 31.270,
106.386

■ 98, 31.270,
106.386

■ 97, 43.437,
105.388

■ 99, 18.891,
107.399

■ 97, 55.207,
104.412

■ 99, 6.407, 108.393

■ 96, 66.299,
103.489

100, 0.135,
210.998

■ 96, 76.290,
102.651

100, 0.144,
203.998

■ 96, 84.597,
101.932

■ 95, 90.570,
101.367

■ 95, 93.771,
100.968

■ 95, 94.552,
100.819

Harmonies

Complementary

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



98, 31.270, 106.386



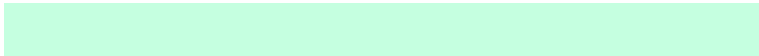
80, 33.085, 291.977

Rectangle

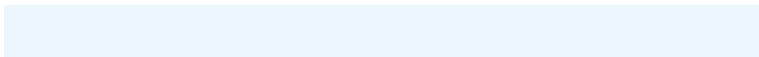
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 31.270, 106.386



98, 31.270, 156.386



98, 31.270, 286.386



98, 31.270, 336.386

Sweetspot

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



98, 31.272, 106.390



99, 10.010, 108.111



83, 24.577, 18.803



53, 7.114, 107.962



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

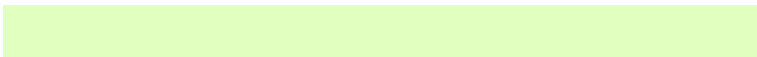
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 31.272, 106.390



98, 37.283, 105.900



96, 34.253, 126.698



53, 7.114, 107.962



74, 76.281, 100.855



25, 34.672, 101.269

Inverse Universe

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



80, 33.085, 291.977



76, 39.954, 292.731



82, 35.570, 309.162



49, 7.265, 289.932



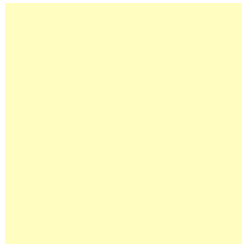
23, 106.384, 305.929



4, 43.141, 301.242

Previews

White Background



This preview shows how the CIELCh color 98, 31.270, 106.386 looks on a white background.

Color Contrast Check

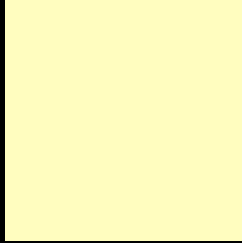
Large Text (above 18pt) WCAG AA × Fail

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, 31.270, 106.386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

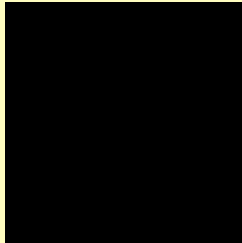
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 31.270, 106.386

Background



This preview shows how black text looks on a background with the CIELCh color 98, 31.270, 106.386.

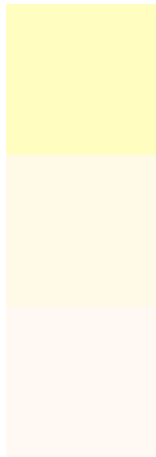


This preview shows how white text looks on a background with the CIELCh color 98, 31.270, 106.386.

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, 31.270, 106.386

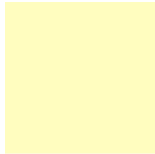
Protanopia
98, 8.893, 95.390

Deuteranopia
98, 3.537, 65.249



Tritanopia
98, 4.569, 328.153

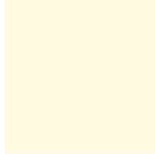
Trichromacy



Original Color
98, 31.270, 106.386



Protanomaly
98, 16.841, 102.593



Deuteranomaly
98, 13.318, 101.270

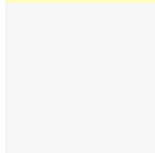


Tritanomaly
98, 9.388, 96.089

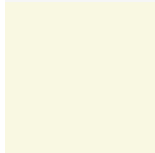
Monochromacy



Original Color
98, 31.270, 106.386



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, 31.270, 106.386 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, 253, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 191)  
}
```

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, 253, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 31.270, 106.386 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, 253, 191) }
```

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

```
.border{ border-color:rgb(255, 253, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 31.270, 106.386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 191) }
```

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

```
.background{ background-color: rgb(255,  
253, 191) }
```

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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