

Converting Colors

CIELCh(96, 33.396, 106.248)

Have a look what the booklet for
CIELCh(96, 33.396, 106.248)
contains.

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Color

CIElCh(96, 33.396, 106.248)

Conversions

Conversions Part 1

Format	Color
Hex	F9F7B5
RGB	249, 247, 181
RGB Percent	98%, 97%, 71%
CMY	0.0235, 0.0313, 0.2901
CMYK	0.00, 0.01, 0.27, 0.02
HSL	58°, 85%, 84%
HSV	58°, 27%, 98%
XYZ	80.6777, 90.0078, 56.8436
YIQ	240.0740, 22.3780, -20.1020

Conversions

Conversions Part 2

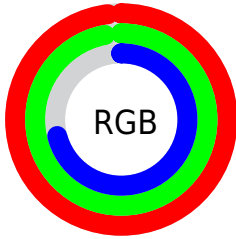
Format	Color
R_{YB}	183, 249, 181
Decimal	16381877
CIE Lab	96.00, -9.34, 32.06
CIE LCh	96, 33.396, 106.248
Yxy	90.0078, 0.3546, 0.3956
Android (android.graphics.Color)	4294571957 (0xFFFF9F7B5)
YUV	240.0740, -29.1235, 7.8281
Hunter-Lab	94.8724, -14.2339, 30.8866

Details

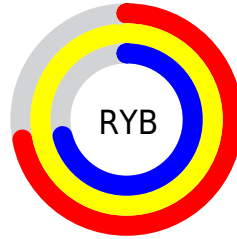
The CIELCh color **96, 33.396, 106.248** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76, 35.539, 292.371**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **76, 33.313, 106.310** is the 20% darker color. If you saturate the color by 10%, you get **95, 45.298, 105.257**, and if you desaturate by 10%, it is **97, 21.252, 107.258**.

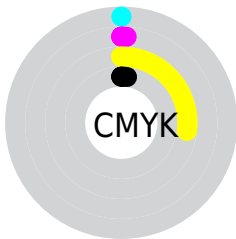
Distribution



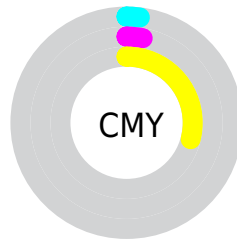
- Red (98%)
- Green (97%)
- Blue (71%)



- Red (72%)
- Yellow (98%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (27%)
- Black (2%)





- Cyan (2%)
- Magenta (3%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 33.396, 106.248 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 96, 33.396, 106.248 by changing the saturation by 10% instead.


 96, 33.396,
106.248


 96, 33.396,
106.248


 100, 33.396,
106.248


 86, 33.396,
106.248

 76, 33.396,
106.248

 66, 33.396,
106.248

 56, 33.396,
106.248

 46, 33.396,
106.248

 36, 33.396,
106.248

 26, 33.396,

106.248

■ 16, 33.396,
106.248

■ 6, 33.396, 106.248

■ 96, 33.396,
106.248

■ 96, 33.396,
106.248

■ 95, 45.298,
105.257

■ 97, 21.252,
107.258

■ 95, 56.759,
104.294

■ 97, 8.985, 108.256

■ 94, 67.477,
103.391

■ 98, 2.962, 289.106

■ 98, 2.604, 283.307

■ 94, 77.001,
102.580

■ 98, 2.281, 275.774

■ 94, 84.737,
101.898

■ 99, 2.009, 266.001

■ 94, 90.061,
101.376

■ 99, 1.812, 253.674

■ 93, 92.667,
101.020

■ 99, 1.715, 239.207

■ 93, 93.104,
100.940

■ 99, 1.736, 224.104

Harmonies

Complementary

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



96, 33.396, 106.248



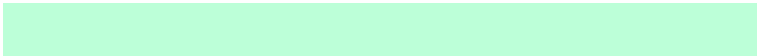
76, 35.539, 292.371

Rectangle

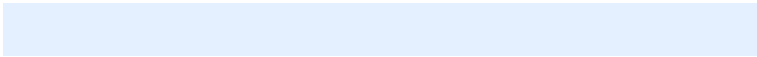
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 33.396, 106.248



96, 33.396, 156.248



96, 33.396, 286.248



96, 33.396, 336.248

Sweetspot

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



96, 33.398, 106.252



99, 10.028, 108.186



80, 26.434, 19.061



53, 7.126, 108.037



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

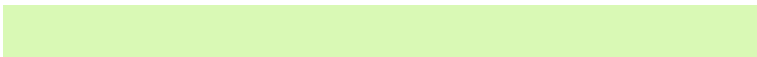
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 33.398, 106.252



98, 40.994, 105.679



94, 36.537, 126.591



52, 7.009, 108.039



73, 75.620, 100.973



24, 33.575, 101.463

Inverse Universe

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



76, 35.539, 292.371



73, 44.315, 293.294



78, 38.074, 309.284



48, 7.159, 290.002



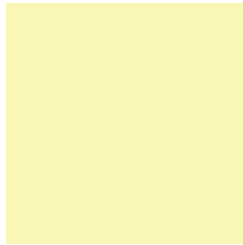
23, 105.381, 305.944



3, 41.161, 300.344

Previews

White Background



This preview shows how the CIE LCh color 96, 33.396, 106.248 looks on a white background.

Color Contrast Check

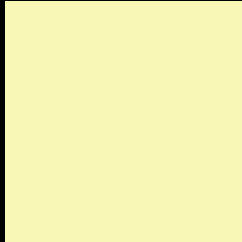
Large Text (above 18pt) WCAG AA × Fail

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 96, 33.396, 106.248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

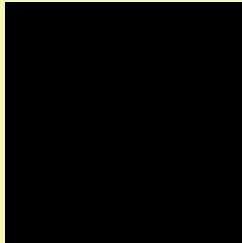
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 33.396, 106.248

Background



This preview shows how black text looks on a background with the CIELCh color 96, 33.396, 106.248.

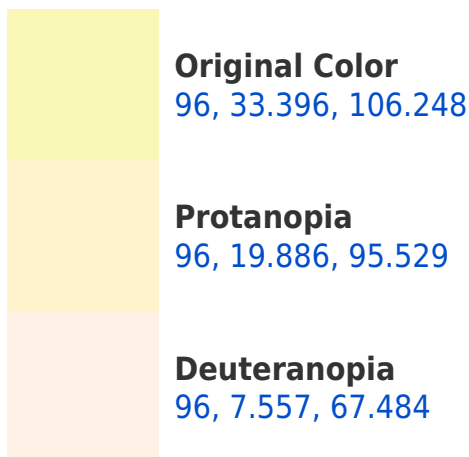


This preview shows how white text looks on a background with the CIELCh color 96, 33.396, 106.248.

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](#).

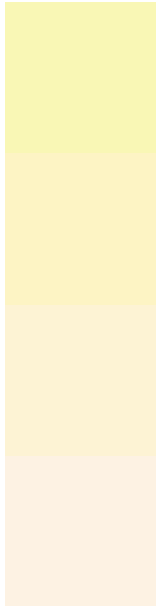
Dichromacy





Tritanopia
96, 9.153, 328.376

Trichromacy



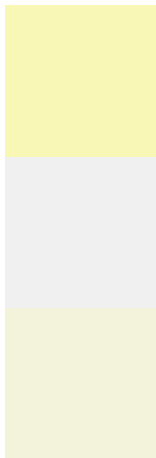
Original Color
96, 33.396, 106.248

Protanomaly
96, 24.656, 100.281

Deuteranomaly
96, 16.236, 95.684

Tritanomaly
96, 8.626, 81.909

Monochromacy



Original Color
96, 33.396, 106.248

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 12.258, 109.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 33.396, 106.248 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(249, 247, 181)` looks like.

```
.text, #text, p{  
    color:rgb(249, 247, 181)  
}
```

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(249, 247, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 247, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 33.396, 106.248 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(249, 247, 181) }
```

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

```
.border{ border-color:rgb(249, 247, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 247, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 247, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 247, 181);  
box-shadow:4px 4px 4px 4px rgb(249, 247,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 33.396, 106.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 247, 181) }
```

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

```
.background{ background-color: rgb(249,  
247, 181) }
```

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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