

Converting Colors

CIELCh(97, 16.786, 106.374)

Have a look what the booklet for
CIELCh(97, 16.786, 106.374)
contains.

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Color

CIELCh(97, 16.788, 106.359)

Conversions

Conversions Part 1

Format	Color
Hex	FAF8D7
RGB	250, 248, 215
RGB Percent	98%, 97%, 84%
CMY	0.0193, 0.0271, 0.1565
CMYK	0.00, 0.01, 0.14, 0.02
HSL	57°, 78%, 91%
HSV	57°, 14%, 98%
XYZ	85.3276, 92.4403, 77.6934
YIQ	244.8360, 11.7850, -9.8390

Conversions

Conversions Part 2

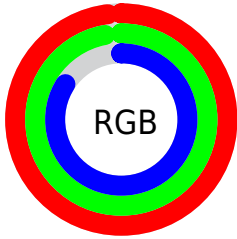
Format	Color
R_{YB}	217, 250, 215
Decimal	16447703
CIE Lab	97.00, -4.73, 16.11
CIE LCh	97, 16.788, 106.359
Yxy	92.4403, 0.3340, 0.3619
Android (android.graphics.Color)	4294637783 (0xFFFAF8D7)
YUV	244.8360, -14.7091, 4.5288
Hunter-Lab	96.1459, -9.8399, 19.3912

Details

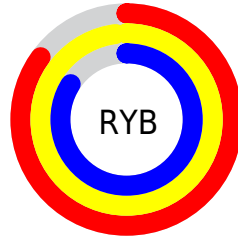
The CIELCh color **97, 16.788, 106.359** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 17.274, 289.376**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 17.057, 107.263** is the 20% darker color. If you saturate the color by 10%, you get **96, 28.721, 105.332**, and if you desaturate by 10%, it is **98, 4.789, 107.373**.

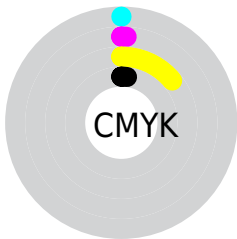
Distribution



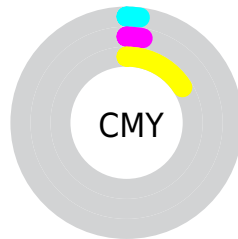
- Red (98%)
- Green (97%)
- Blue (84%)



- Red (85%)
- Yellow (98%)
- Blue (84%)



- Cyan (0%)
- Magenta (1%)
- Yellow (14%)
- Black (2%)





- Cyan (2%)
- Magenta (3%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 16.788, 106.359 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 97, 16.788, 106.359 by changing the saturation by 10% instead.


 97, 16.788,
106.359


 97, 16.788,
106.359


 100, 16.788,
106.359


 87, 16.788,
106.359

 77, 16.788,
106.359

 67, 16.788,
106.359

 57, 16.788,
106.359

 47, 16.788,
106.359

 37, 16.788,
106.359

 27, 16.788,

106.359

■ 17, 16.788,
106.359

■ 7, 16.788, 106.359

■ 97, 16.788,
106.359

■ 97, 16.788,
106.359

■ 96, 28.721,
105.332

■ 98, 4.789, 107.373

■ 95, 40.485,
104.297

■ 99, 2.091, 282.197

■ 99, 1.553, 259.643

■ 95, 51.921,
103.279

■ 99, 1.421, 225.327

■ 94, 62.776,
102.300

■ 100, 1.704,
199.686

■ 93, 72.656,
101.386

■ 93, 81.006,
100.569

■ 92, 87.159, 99.875

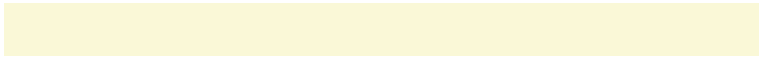
■ 92, 90.593, 99.315

■ 92, 91.548, 99.028

Harmonies

Complementary

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



97, 16.788, 106.359



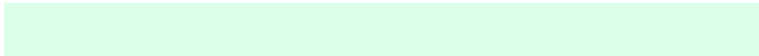
88, 17.274, 289.376

Rectangle

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



97, 16.788, 106.359



97, 16.788, 156.359



97, 16.788, 286.359



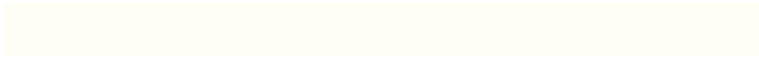
97, 16.788, 336.359

Sweetspot

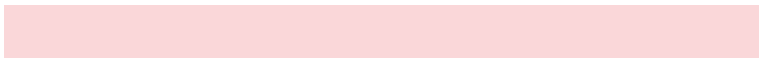
The Sweet Spot groups the original color and five complimentary colors.



97, 16.790, 106.366



100, 4.870, 107.372



89, 12.964, 14.986



53, 3.462, 107.299



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



97, 16.790, 106.366



98, 20.709, 106.055



96, 18.686, 126.039



52, 6.816, 106.826



71, 74.138, 99.096



24, 32.830, 99.853

Inverse Universe

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



88, 17.274, 289.376



87, 21.439, 289.764



88, 19.105, 307.400



48, 6.953, 288.833



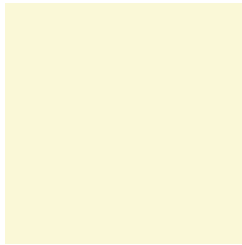
23, 104.159, 305.620



4, 40.343, 299.876

Previews

White Background



This preview shows how the CIE LCh color 97, 16.788, 106.359 looks on a white background.

Color Contrast Check

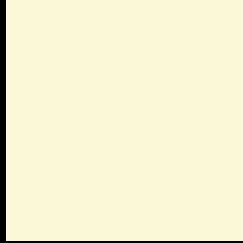
Large Text (above 18pt) WCAG AA × Fail

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 97, 16.788, 106.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

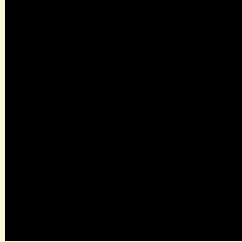
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

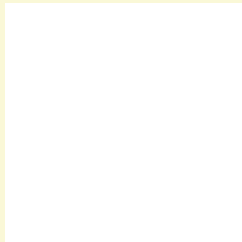
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 16.788, 106.359

Background



This preview shows how black text looks on a background with the CIELCh color 97, 16.788, 106.359.

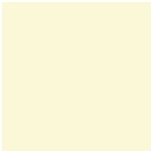
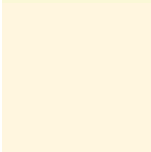



This preview shows how white text looks on a background with the CIELCh color 97, 16.788, 106.359.

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](#).

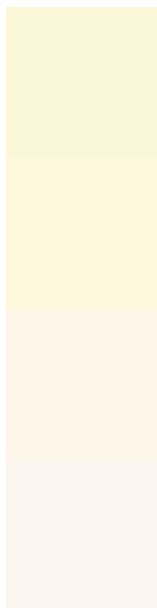
Dichromacy

	Original Color 97, 16.788, 106.359
	Protanopia 97, 12.154, 93.514
	Deuteranopia 97, 4.410, 47.004



Tritanopia
97, 6.317, 316.737

Trichromacy



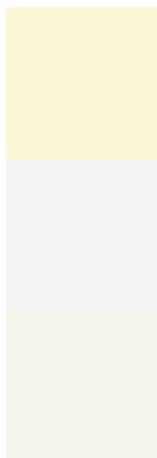
Original Color
97, 16.788, 106.359

Protanomaly
97, 13.904, 99.985

Deuteranomaly
97, 7.682, 87.485

Tritanomaly
97, 3.306, 69.691

Monochromacy



Original Color
97, 16.788, 106.359

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 6.121, 106.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 16.788, 106.359 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(250, 248, 215)` looks like.

```
.text, #text, p{  
    color:rgb(250, 248, 215)  
}
```

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(250, 248, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 248, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 16.788, 106.359 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(250, 248, 215) }
```

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

```
.border{ border-color:rgb(250, 248, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 248, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 248, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 248, 215);  
box-shadow:4px 4px 4px 4px rgb(250, 248,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 16.788, 106.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 248, 215) }
```

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

```
.background{ background-color: rgb(250,  
248, 215) }
```

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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