

Converting Colors

CIELCh(97, 2.057, 70.397)

Have a look what the booklet for
CIELCh(97, 2.057, 70.397) contains.

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Color

CIELCh(97, 1.845, 74.892)

Conversions

Conversions Part 1

Format	Color
Hex	F9F6F3
RGB	249, 246, 243
RGB Percent	98%, 96%, 95%
CMY	0.0239, 0.0356, 0.0474
CMYK	0.00, 0.01, 0.02, 0.02
HSL	30°, 33%, 96%
HSV	30°, 2%, 98%
XYZ	88.1222, 92.4403, 97.9163
YIQ	246.5550, 2.7510, -0.2970

Conversions

Conversions Part 2

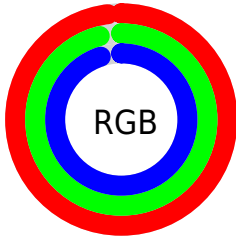
Format	Color
R_{YB}	249, 249, 243
Decimal	16381683
CIE _{Lab}	97.00, 0.48, 1.78
CIE _{LCh}	97, 1.845, 74.892
Yxy	92.4403, 0.3164, 0.3319
Android (android.graphics.Color)	4294571763 (0xFFFF9F6F3)
YUV	246.5550, -1.7526, 2.1443
Hunter-Lab	96.1459, -4.6516, 6.9204

Details

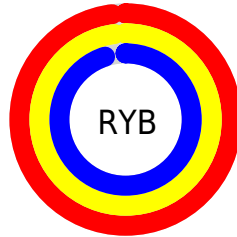
The CIELCh color **97, 1.845, 74.892** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97, 1.852, 256.027**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 1.940, 74.863** is the 20% darker color. If you saturate the color by 10%, you get **93, 9.758, 73.925**, and if you desaturate by 10%, it is **100, 2.114, 199.585**.

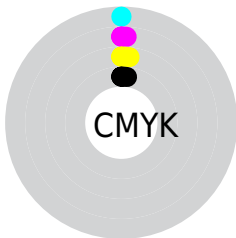
Distribution



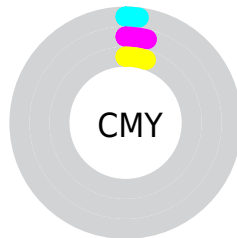
- Red (98%)
- Green (96%)
- Blue (95%)



- Red (98%)
- Yellow (98%)
- Blue (95%)



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



- Cyan (2%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 1.845, 74.892 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, 1.845, 74.892 by changing the saturation by 10% instead.

 97, 1.845, 74.892	 97, 1.845, 74.892
 100, 1.845, 74.892	 87, 1.845, 74.892
	 77, 1.845, 74.892
	 67, 1.845, 74.892
	 57, 1.845, 74.892
	 47, 1.845, 74.892
	 37, 1.845, 74.892
	 27, 1.845, 74.892
	 17, 1.845, 74.892
	 7, 1.845, 74.892

97, 1.845, 74.892

97, 1.845, 74.892

93, 9.758, 73.925

100, 2.114,
199.585

90, 18.044, 72.688

86, 26.729, 71.424

83, 35.813, 70.146

79, 45.251, 68.851

76, 54.907, 67.516

73, 64.464, 66.071

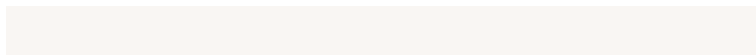
70, 73.279, 64.361

67, 80.269, 62.085

Harmonies

Complementary

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



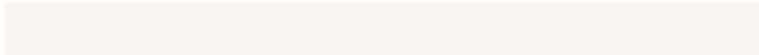
97, 1.845, 74.892



97, 1.852, 256.027

Rectangle

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



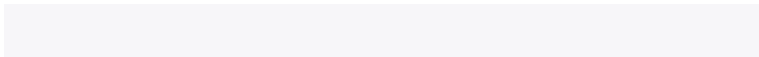
97, 1.845, 74.892



97, 1.845, 124.892



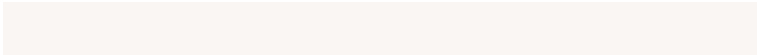
97, 1.845, 254.892



97, 1.845, 304.892

Sweetspot

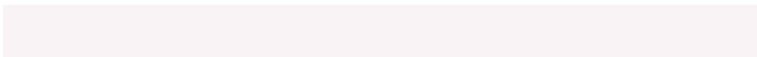
The Sweet Spot groups the original color and five complimentary colors.



97, 1.846, 74.970



100, 0.773, 74.807



96, 2.633, 343.667



53, 0.439, 74.783



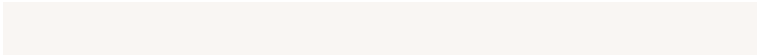
0, 0.000, 0.000



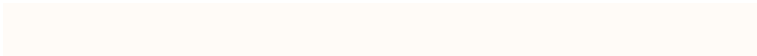
53, 0.007, 296.813

Same Dimension

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



97, 1.846, 74.970



99, 2.348, 74.945



98, 3.045, 109.921



52, 1.755, 74.887



51, 67.975, 60.591



15, 25.831, 61.726

Inverse Universe

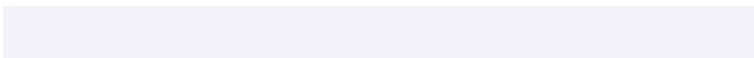
The Inverse Universe completely reimagines the original color for something new.



97, 1.852, 256.027



98, 2.348, 256.056



96, 3.083, 290.438



51, 1.749, 256.119



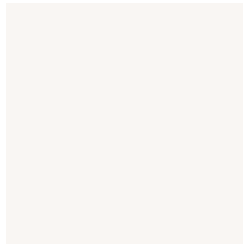
41, 57.760, 284.213



11, 22.983, 277.312

Previews

White Background



This preview shows how the CIELCh color 97, 1.845, 74.892 looks on a white background.

Color Contrast Check

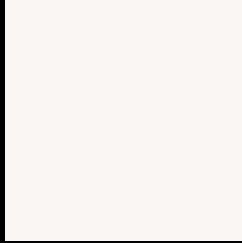
Large Text (above 18pt) WCAG AA × Fail

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 97, 1.845, 74.892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

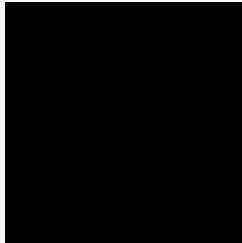
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

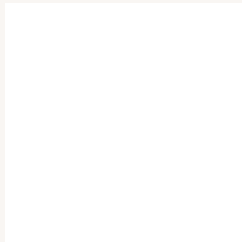
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 1.845, 74.892

Background



This preview shows how black text looks on a background with the CIELCh color 97, 1.845, 74.892.

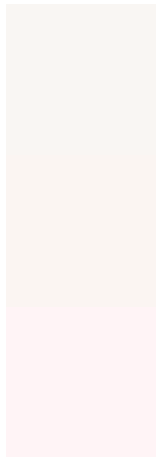


This preview shows how white text looks on a background with the CIELCh color 97, 1.845, 74.892.

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, 1.845, 74.892

Protanopia

97, 2.605, 55.190

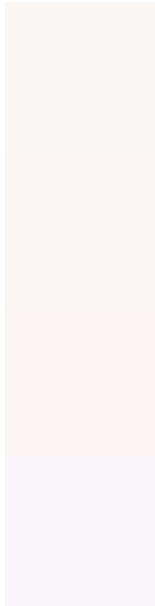
Deuteranopia

97, 4.037, 4.883



Tritanopia
97, 5.326, 305.676

Trichromacy



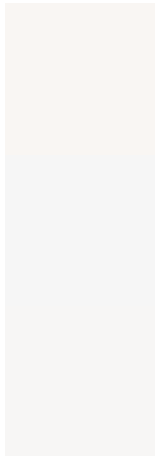
Original Color
97, 1.845, 74.892

Protanomaly
97, 2.325, 60.312

Deuteranomaly
97, 2.832, 19.365

Tritanomaly
97, 3.397, 314.709

Monochromacy



Original Color
97, 1.845, 74.892

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 0.608, 74.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 1.845, 74.892 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, 246, 243)` looks like.

```
.text, #text, p{  
    color:rgb(249, 246, 243)  
}
```

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, 246, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 246, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 1.845, 74.892 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, 246, 243) }
```

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

```
.border{ border-color:rgb(249, 246, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 246, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 246, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 246, 243);  
box-shadow:4px 4px 4px 4px rgb(249, 246,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 1.845, 74.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 246, 243) }
```

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

```
.background{ background-color: rgb(249,  
246, 243) }
```

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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