

Converting Colors

CIELCh(97, 5.002, 87.557)

Have a look what the booklet for
CIELCh(97, 5.002, 87.557) contains.

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Color

CIELCh(97, 4.904, 88.413)

Conversions

Conversions Part 1

Format	Color
Hex	FBF6ED
RGB	251, 246, 237
RGB Percent	98%, 96%, 93%
CMY	0.0161, 0.0357, 0.0710
CMYK	0.00, 0.02, 0.06, 0.02
HSL	39°, 63%, 96%
HSV	39°, 6%, 98%
XYZ	87.9353, 92.4403, 93.2437
YIQ	246.4690, 5.8690, -1.7390

Conversions

Conversions Part 2

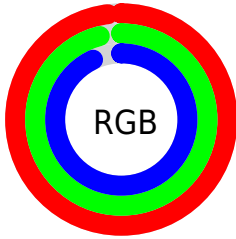
Format	Color
R _Y B	245, 251, 237
Decimal	16512749
CIE Lab	97.00, 0.14, 4.90
CIE LCh	97, 4.904, 88.413
Yxy	92.4403, 0.3214, 0.3378
Android (android.graphics.Color)	4294702829 (0xFFFBF6ED)
YUV	246.4690, -4.6682, 3.9737
Hunter-Lab	96.1459, -4.9988, 9.8018

Details

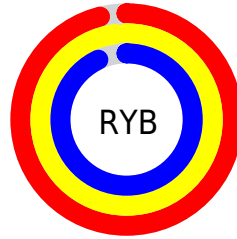
The CIELCh color **97, 4.904, 88.413** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95, 4.910, 269.985**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 5.030, 92.267** is the 20% darker color. If you saturate the color by 10%, you get **94, 13.885, 87.190**, and if you desaturate by 10%, it is **100, 1.376, 203.043**.

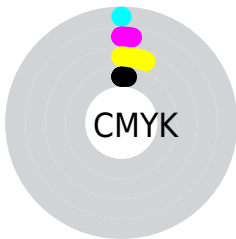
Distribution



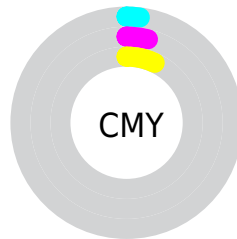
- Red (98%)
- Green (96%)
- Blue (93%)



- Red (96%)
- Yellow (98%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 4.904, 88.413 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, 4.904, 88.413 by changing the saturation by 10% instead.

 97, 4.904, 88.413

 97, 4.904, 88.413

 100, 4.904, 88.413

 87, 4.904, 88.413

 77, 4.904, 88.413

 67, 4.904, 88.413

 57, 4.904, 88.413

 47, 4.904, 88.413

 37, 4.904, 88.413

 27, 4.904, 88.413

 17, 4.904, 88.413

 7, 4.904, 88.413

97, 4.904, 88.413

97, 4.904, 88.413

94, 13.885, 87.190

100, 1.376,
203.043

91, 23.080, 85.865

100, 1.427,
199.779

89, 32.469, 84.495

86, 41.990, 83.082

84, 51.506, 81.619

81, 60.743, 80.079

79, 69.197, 78.396

77, 76.048, 76.441

75, 80.302, 74.002

Harmonies

Complementary

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



97, 4.904, 88.413



95, 4.910, 269.985

Rectangle

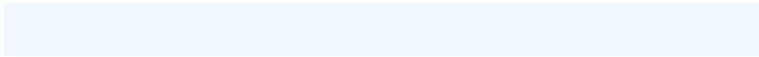
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 4.904, 88.413



97, 4.904, 138.413



97, 4.904, 268.413



97, 4.904, 318.413

Sweetspot

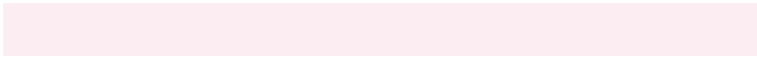
The Sweet Spot groups the original color and five complimentary colors.



97, 4.905, 88.440



99, 1.767, 88.778



95, 5.649, 351.926



53, 1.004, 88.781



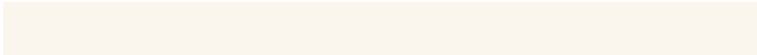
0, 0.000, 0.000



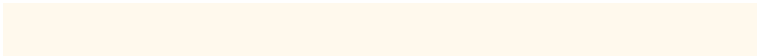
53, 0.007, 296.813

Same Dimension

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



97, 4.905, 88.440



98, 6.249, 88.272



98, 7.147, 114.981



51, 3.997, 88.201



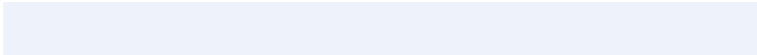
57, 65.787, 73.379



18, 26.652, 76.118

Inverse Universe

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



95, 4.910, 269.985



96, 6.245, 270.166



94, 7.253, 295.853



50, 3.992, 270.244



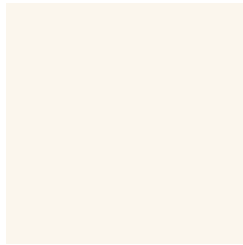
33, 75.200, 295.293



8, 29.458, 289.651

Previews

White Background



This preview shows how the CIELCh color 97, 4.904, 88.413 looks on a white background.

Color Contrast Check

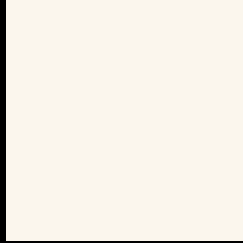
Large Text (above 18pt) WCAG AA × Fail

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, 4.904, 88.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

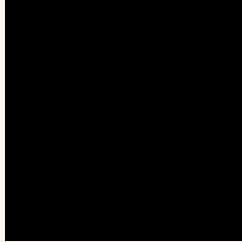
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 4.904, 88.413

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.904, 88.413.

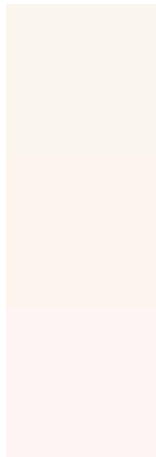


This preview shows how white text looks on a background with the CIELCh color 97, 4.904, 88.413.

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, 4.904, 88.413

Protanopia

97, 4.963, 74.558

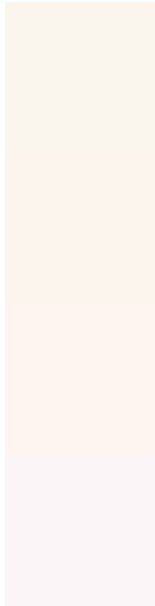
Deuteranopia

97, 3.905, 19.499



Tritanopia
97, 6.168, 313.832

Trichromacy



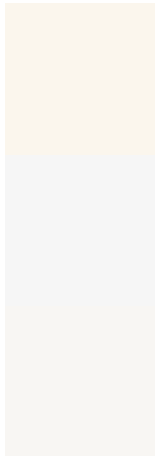
Original Color
97, 4.904, 88.413

Protanomaly
97, 4.766, 78.111

Deuteranomaly
97, 3.782, 51.998

Tritanomaly
97, 2.629, 343.664

Monochromacy



Original Color
97, 4.904, 88.413

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.670, 84.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 4.904, 88.413 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(251, 246, 237)` looks like.

```
.text, #text, p{  
    color:rgb(251, 246, 237)  
}
```

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(251, 246, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 246, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.904, 88.413 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(251, 246, 237) }
```

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

```
.border{ border-color:rgb(251, 246, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 246, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 246, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 246, 237);  
box-shadow:4px 4px 4px 4px rgb(251, 246,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.904, 88.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 246, 237) }
```

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

```
.background{ background-color: rgb(251,  
246, 237) }
```

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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