

Converting Colors

CIELCh(97, 3.085, 74.843)

Have a look what the booklet for
CIELCh(97, 3.085, 74.843) contains.

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Color

CIELCh(97, 3.087, 74.793)

Conversions

Conversions Part 1

Format	Color
Hex	FBF6F1
RGB	251, 246, 241
RGB Percent	98%, 96%, 95%
CMY	0.0172, 0.0368, 0.0564
CMYK	0.00, 0.02, 0.04, 0.02
HSL	30°, 53%, 96%
HSV	30°, 4%, 98%
XYZ	88.3007, 92.4403, 96.1051
YIQ	246.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

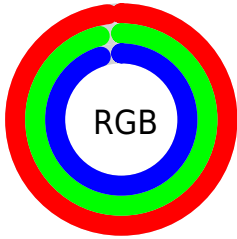
Format	Color
R_{YB}	251, 251, 241
Decimal	16512753
CIE _{Lab}	97.00, 0.81, 2.98
CIE _{LCh}	97, 3.087, 74.793
Yxy	92.4403, 0.3190, 0.3339
Android (android.graphics.Color)	4294702833 (0xFFFBF6F1)
YUV	246.9250, -2.9210, 3.5738
Hunter-Lab	96.1459, -4.3203, 8.0373

Details

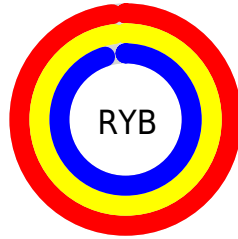
The CIELCh color $97, 3.087, 74.793$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $97, 3.074, 256.107$, and the grayscale version is $97, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $77, 3.048, 80.507$ is the 20% darker color. If you saturate the color by 10%, you get $93, 11.100, 73.703$, and if you desaturate by 10%, it is $100, 1.524, 199.744$.

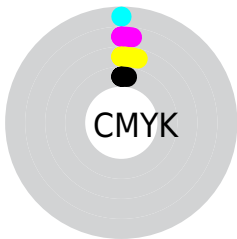
Distribution



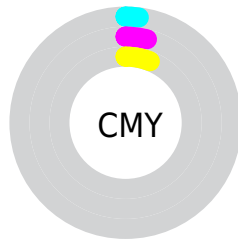
- Red (98%)
- Green (96%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (2%)



- Cyan (2%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 3.087, 74.793 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, 3.087, 74.793 by changing the saturation by 10% instead.

97, 3.087, 74.793

97, 3.087, 74.793

100, 3.087, 74.793

87, 3.087, 74.793

77, 3.087, 74.793

67, 3.087, 74.793

57, 3.087, 74.793

47, 3.087, 74.793

37, 3.087, 74.793

27, 3.087, 74.793

17, 3.087, 74.793

7, 3.087, 74.793

97, 3.087, 74.793

97, 3.087, 74.793

93, 11.100, 73.703

100, 1.524,
199.744

90, 19.494, 72.460

86, 28.291, 71.193

83, 37.486, 69.913

79, 47.025, 68.614

76, 56.748, 67.268

73, 66.295, 65.795

70, 74.951, 64.019

67, 81.569, 61.615

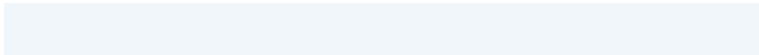
Harmonies

Complementary

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



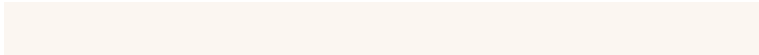
97, 3.087, 74.793



97, 3.074, 256.107

Rectangle

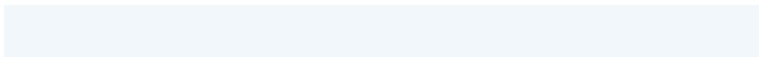
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



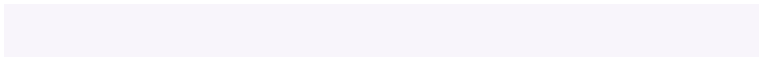
97, 3.087, 74.793



97, 3.087, 124.793



97, 3.087, 254.793



97, 3.087, 304.793

Sweetspot

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



97, 3.088, 74.841



100, 0.773, 74.776



96, 4.387, 343.870



53, 0.439, 74.752



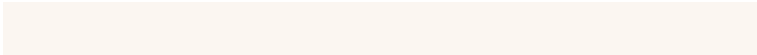
0, 0.000, 0.000



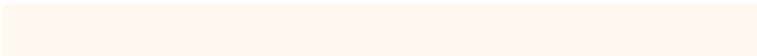
53, 0.007, 296.813

Same Dimension

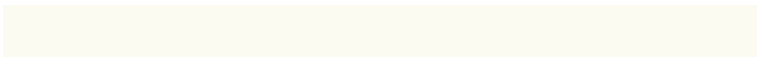
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 3.088, 74.841



98, 3.936, 74.745



98, 5.075, 109.779



51, 2.646, 74.674



51, 67.983, 60.568



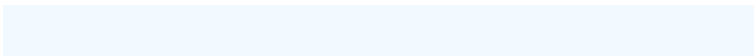
15, 25.831, 61.698

Inverse Universe

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



97, 3.074, 256.107



97, 3.904, 256.212



95, 5.140, 290.588



51, 2.618, 256.290



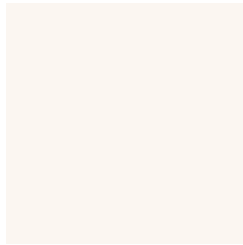
41, 57.728, 284.186



11, 22.972, 277.282

Previews

White Background



This preview shows how the CIELCh color 97, 3.087, 74.793 looks on a white background.

Color Contrast Check

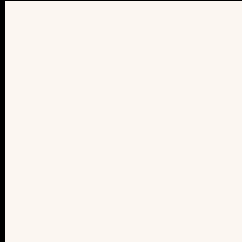
Large Text (above 18pt) WCAG AA × Fail

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, 3.087, 74.793 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, 3.087, 74.793

Background



This preview shows how black text looks on a background with the CIELCh color 97, 3.087, 74.793.

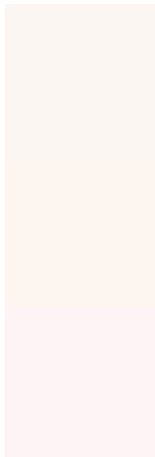


This preview shows how white text looks on a background with the CIELCh color 97, 3.087, 74.793.

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, 3.087, 74.793

Protanopia

97, 3.546, 65.245

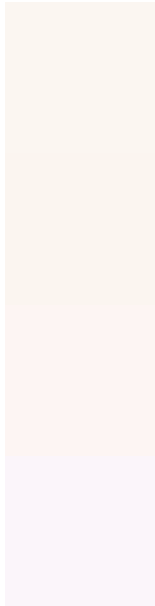
Deuteranopia

97, 3.938, 12.069



Tritanopia
97, 6.168, 313.832

Trichromacy



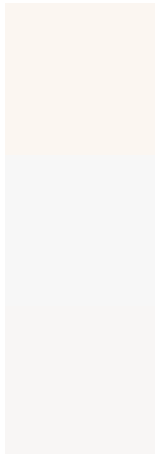
Original Color
97, 3.087, 74.793

Protanomaly
97, 3.306, 69.691

Deuteranomaly
97, 3.006, 39.180

Tritanomaly
97, 3.338, 329.430

Monochromacy



Original Color
97, 3.087, 74.793

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 0.860, 54.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 3.087, 74.793 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(251, 246, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 246, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 3.087, 74.793 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, 241) }
```

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

```
.border{ border-color:rgb(251, 246, 241) }
```

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, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 246, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 246, 241);  
box-shadow:4px 4px 4px 4px rgb(251, 246,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 3.087, 74.793 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, 241) }
```

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

```
.background{ background-color: rgb(251,  
246, 241) }
```

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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