

Converting Colors

CIELCh(97, 2.169, 57.290)

Have a look what the booklet for
CIELCh(97, 2.169, 57.290) contains.

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Color

CIELCh(97, 2.030, 49.324)

Conversions

Conversions Part 1

Format	Color
Hex	FAF5F3
RGB	250, 245, 243
RGB Percent	98%, 96%, 95%
CMY	0.0180, 0.0376, 0.0455
CMYK	0.00, 0.02, 0.03, 0.02
HSL	17°, 43%, 97%
HSV	17°, 3%, 98%
XYZ	88.5797, 92.4403, 98.2845
YIQ	246.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

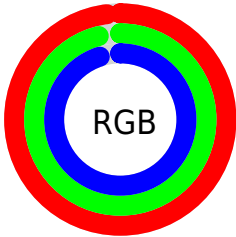
Format	Color
R_{YB}	250, 246, 243
Decimal	16446963
CIE _{Lab}	97.00, 1.32, 1.54
CIE _{LCh}	97, 2.030, 49.324
Yxy	92.4403, 0.3171, 0.3310
Android (android.graphics.Color)	4294637043 (0xFFFAF5F3)
YUV	246.2670, -1.6106, 3.2738
Hunter-Lab	96.1459, -3.8023, 6.6933

Details

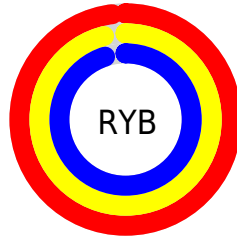
The CIELCh color **97, 2.030, 49.324** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97, 2.007, 230.345**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 2.136, 49.342** is the 20% darker color. If you saturate the color by 10%, you get **92, 9.664, 49.056**, and if you desaturate by 10%, it is **100, 1.596, 199.719**.

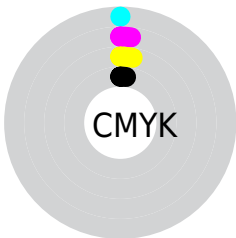
Distribution



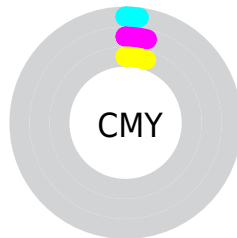
- Red (98%)
- Green (96%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 2.030, 49.324 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, 2.030, 49.324 by changing the saturation by 10% instead.

97, 2.030, 49.324

97, 2.030, 49.324

100, 2.030, 49.324

87, 2.030, 49.324

77, 2.030, 49.324

67, 2.030, 49.324

57, 2.030, 49.324

47, 2.030, 49.324

37, 2.030, 49.324

27, 2.030, 49.324

17, 2.030, 49.324

7, 2.030, 49.324

97, 2.030, 49.324

97, 2.030, 49.324

92, 9.664, 49.056

100, 1.596,
199.719

87, 17.906, 48.573

82, 26.810, 48.166

78, 36.413, 47.869

73, 46.710, 47.705

69, 57.616, 47.675

65, 68.881, 47.726

62, 79.903, 47.677

59, 89.391, 47.088

Harmonies

Complementary

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



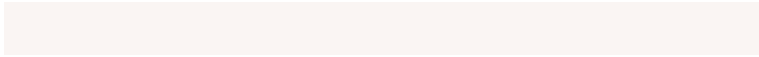
97, 2.030, 49.324



97, 2.007, 230.345

Rectangle

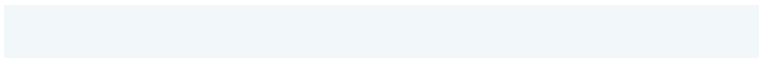
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 2.030, 49.324



97, 2.030, 99.324



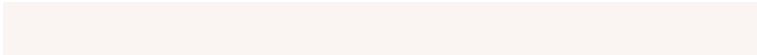
97, 2.030, 229.324



97, 2.030, 279.324

Sweetspot

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



97, 2.030, 49.399



99, 0.729, 48.964



97, 3.584, 333.699



53, 0.414, 48.923



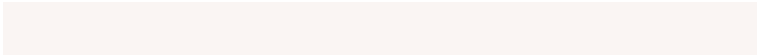
0, 0.000, 0.000



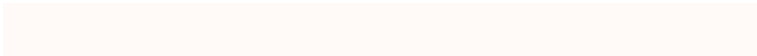
53, 0.007, 296.813

Same Dimension

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



97, 2.030, 49.399



98, 2.212, 49.408



98, 2.828, 98.995



51, 1.655, 49.419



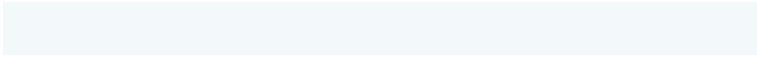
43, 75.985, 46.740



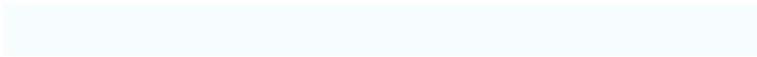
12, 27.505, 42.284

Inverse Universe

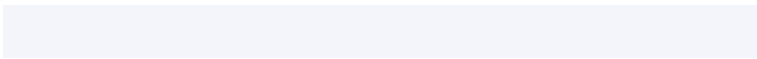
The Inverse Universe completely reimagines the original color for something new.



97, 2.007, 230.345



99, 2.185, 230.338



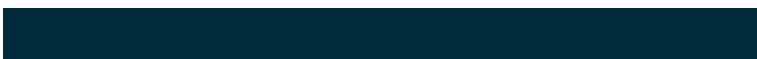
97, 2.857, 279.776



52, 1.626, 230.333



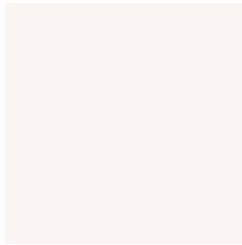
53, 38.266, 253.604



16, 16.518, 246.377

Previews

White Background



This preview shows how the CIE LCh color 97, 2.030, 49.324 looks on a white background.

Color Contrast Check

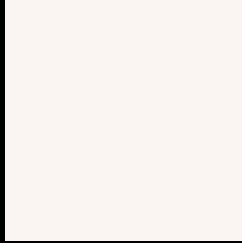
Large Text (above 18pt) WCAG AA × Fail

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, 2.030, 49.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

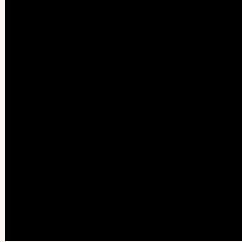
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

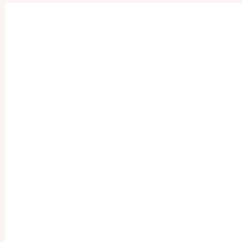
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 2.030, 49.324

Background



This preview shows how black text looks on a background with the CIELCh color 97, 2.030, 49.324.

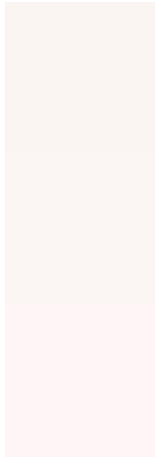


This preview shows how white text looks on a background with the CIELCh color 97, 2.030, 49.324.

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, 2.030, 49.324

Protanopia

97, 2.346, 45.010

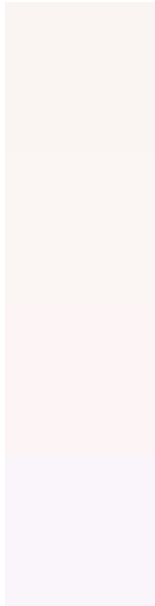
Deuteranopia

97, 4.037, 4.883



Tritanopia
97, 6.036, 310.798

Trichromacy



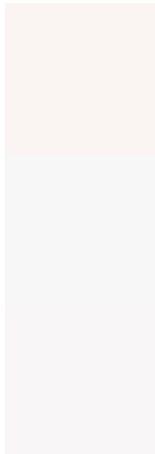
Original Color
97, 2.030, 49.324

Protanomaly
97, 2.346, 45.010

Deuteranomaly
97, 2.832, 19.365

Tritanomaly
97, 3.559, 319.835

Monochromacy



Original Color
97, 2.030, 49.324

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 0.705, 18.537

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 2.030, 49.324 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, 245, 243)` looks like.

```
.text, #text, p{  
    color:rgb(250, 245, 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(250, 245, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 245, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 2.030, 49.324 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, 245, 243) }
```

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

```
.border{ border-color:rgb(250, 245, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 245, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 245, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 245, 243);  
box-shadow:4px 4px 4px 4px rgb(250, 245,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 2.030, 49.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 245, 243) }
```

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

```
.background{ background-color: rgb(250,  
245, 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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