

Converting Colors

CIELCh(97, 1.494, 49.756)

Have a look what the booklet for
CIELCh(97, 1.494, 49.756) contains.

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Color

CIELCh(97, 1.456, 63.332)

Conversions

Conversions Part 1

Format	Color
Hex	F9F6F4
RGB	249, 246, 244
RGB Percent	98%, 96%, 96%
CMY	0.0242, 0.0359, 0.0438
CMYK	0.00, 0.01, 0.02, 0.02
HSL	24°, 29%, 97%
HSV	24°, 2%, 98%
XYZ	88.2159, 92.4403, 98.6487
YIQ	246.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

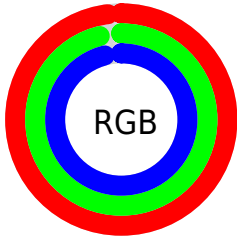
Format	Color
RYB	249, 247, 244
Decimal	16381684
CIELab	97.00, 0.65, 1.30
CIELCh	97, 1.456, 63.332
Yxy	92.4403, 0.3158, 0.3310
Android (android.graphics.Color)	4294571764 (0xFFFF9F6F4)
YUV	246.6690, -1.3158, 2.0443
Hunter-Lab	96.1459, -4.4778, 6.4687

Details

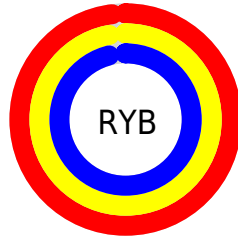
The CIELCh color `97, 1.456, 63.332` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 1.458, 244.565`, and the grayscale version is `97, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `77, 1.532, 63.354` is the 20% darker color. If you saturate the color by 10%, you get `93, 9.011, 62.710`, and if you desaturate by 10%, it is `100, 2.138, 199.579`.

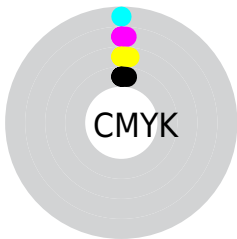
Distribution



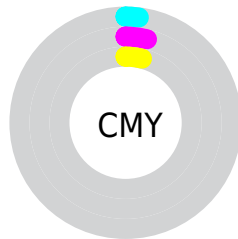
- Red (98%)
- Green (96%)
- Blue (96%)



- Red (98%)
- Yellow (97%)
- Blue (96%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 1.456, 63.332 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, 1.456, 63.332 by changing the saturation by 10% instead.



97, 1.456, 63.332

97, 1.456, 63.332

93, 9.011, 62.710

100, 2.138,
199.579

89, 17.052, 61.726

84, 25.622, 60.752

80, 34.749, 59.812

76, 44.422, 58.913

73, 54.550, 58.040

69, 64.882, 57.129

66, 74.838, 56.014

63, 83.293, 54.343

Harmonies

Complementary

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



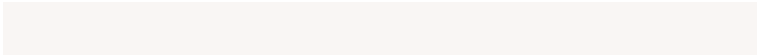
97, 1.456, 63.332



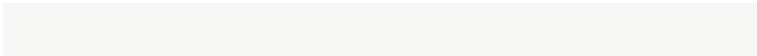
97, 1.458, 244.565

Rectangle

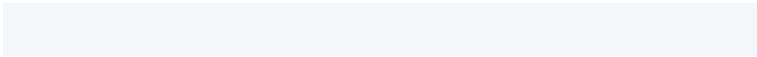
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



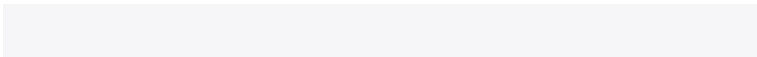
97, 1.456, 63.332



97, 1.456, 113.332



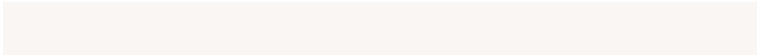
97, 1.456, 243.332



97, 1.456, 293.332

Sweetspot

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



97, 1.456, 63.436



100, 0.734, 63.173



97, 2.355, 338.597



53, 0.417, 63.140



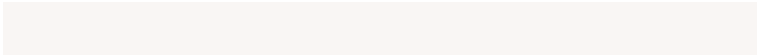
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



97, 1.456, 63.436



99, 1.479, 63.435



98, 2.287, 105.542



52, 0.827, 63.426



47, 71.372, 53.136



14, 26.250, 51.939

Inverse Universe

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



97, 1.458, 244.565



99, 1.481, 244.565



96, 2.316, 286.070



52, 0.829, 244.574



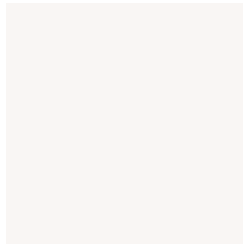
46, 47.122, 272.546



13, 19.307, 264.986

Previews

White Background



This preview shows how the CIE LCh color 97, 1.456, 63.332 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, 1.456, 63.332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

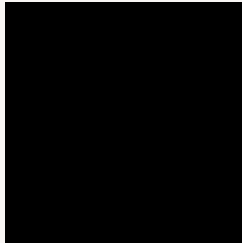
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

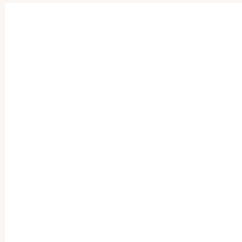
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 1.456, 63.332

Background



This preview shows how black text looks on a background with the CIELCh color 97, 1.456, 63.332.

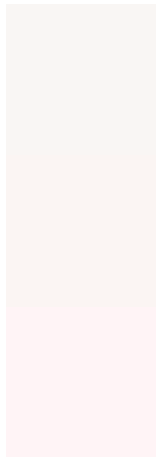


This preview shows how white text looks on a background with the CIELCh color 97, 1.456, 63.332.

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, 1.456, 63.332

Protanopia

97, 2.346, 45.010

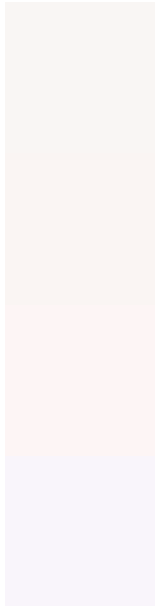
Deuteranopia

97, 4.037, 4.883



Tritanopia
97, 5.326, 305.676

Trichromacy



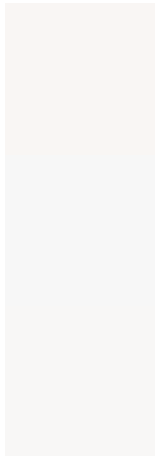
Original Color
97, 1.456, 63.332

Protanomaly
97, 2.030, 49.324

Deuteranomaly
97, 2.832, 19.365

Tritanomaly
97, 3.397, 314.709

Monochromacy



Original Color
97, 1.456, 63.332

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 0.608, 74.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 1.456, 63.332 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(249, 246, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 246, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 1.456, 63.332 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, 244) }
```

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

```
.border{ border-color:rgb(249, 246, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 246, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 246, 244);  
box-shadow:4px 4px 4px 4px rgb(249, 246,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 1.456, 63.332 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, 244) }
```

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

```
.background{ background-color: rgb(249,  
246, 244) }
```

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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