

Converting Colors

CIELCh(97, 0.763, 91.866)

Have a look what the booklet for
CIELCh(97, 0.763, 91.866) contains.

CIELCh(97, 0.608, 74.613)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	19
<i>Color Blindness Simulation</i>	22
<i>CSS Examples</i>	25

Color

CIELCh(97, 0.608, 74.613)

Conversions

Conversions Part 1

Format	Color
Hex	F7F6F5
RGB	247, 246, 245
RGB Percent	97%, 96%, 96%
CMY	0.0306, 0.0345, 0.0385
CMYK	0.00, 0.00, 0.01, 0.03
HSL	30°, 11%, 97%
HSV	30°, 1%, 97%
XYZ	87.9491, 92.4403, 99.7460
YIQ	246.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

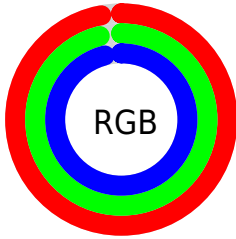
Format	Color
R_{YB}	247, 247, 245
Decimal	16250613
CIE Lab	97.00, 0.16, 0.59
CIE LCh	97, 0.608, 74.613
Yxy	92.4403, 0.3140, 0.3300
Android (android.graphics.Color)	4294440693 (0xFFFF7F6F5)
YUV	246.1850, -0.5842, 0.7148
Hunter-Lab	96.1459, -4.9731, 5.7921

Details

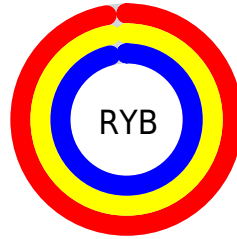
The CIELCh color $97, 0.608, 74.613$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $97, 0.625, 256.433$, and the grayscale version is $97, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $77, 0.640, 74.740$ is the 20% darker color. If you saturate the color by 10%, you get $93, 8.427, 74.268$, and if you desaturate by 10%, it is $99, 2.704, 199.479$.

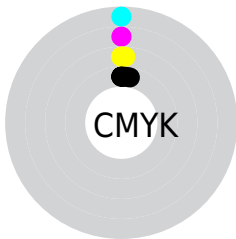
Distribution



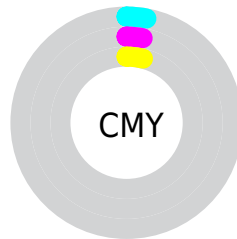
- Red (97%)
- Green (96%)
- Blue (96%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)














- Cyan (3%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 0.608, 74.613 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, 0.608, 74.613 by changing the saturation by 10% instead.

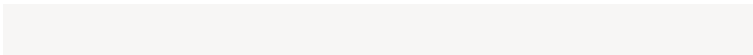
 97, 0.608, 74.613	 97, 0.608, 74.613
 100, 0.608, 74.613	 87, 0.608, 74.613
	 77, 0.608, 74.613
	 67, 0.608, 74.613
	 57, 0.608, 74.613
	 47, 0.608, 74.613
	 37, 0.608, 74.613
	 27, 0.608, 74.613
	 17, 0.608, 74.613
	 7, 0.608, 74.613

- 97, 0.608, 74.613
- 97, 0.608, 74.613
- 93, 8.427, 74.268
- 99, 2.704, 199.479
- 90, 16.611, 73.038
- 86, 25.186, 71.775
- 83, 34.157, 70.496
- 79, 43.490, 69.201
- 76, 53.067, 67.872
- 73, 62.611, 66.448
- 70, 71.544, 64.793
- 68, 78.860, 62.632

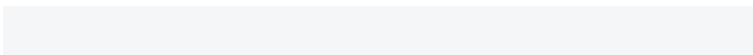
Harmonies

Complementary

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



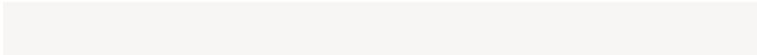
97, 0.608, 74.613



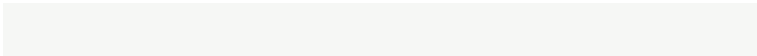
97, 0.625, 256.433

Rectangle

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



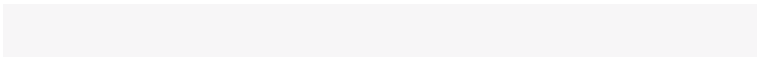
97, 0.608, 74.613



97, 0.608, 124.613



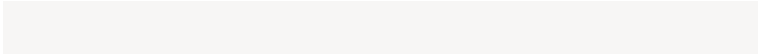
97, 0.608, 254.613



97, 0.608, 304.613

Sweetspot

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



97, 0.609, 74.846

100, 0.012, 296.813



97, 0.882, 343.178



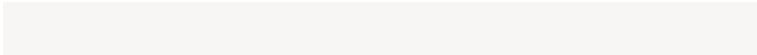
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



97, 0.609, 74.846



100, 0.774, 74.960



97, 1.009, 110.026



51, 0.425, 74.934



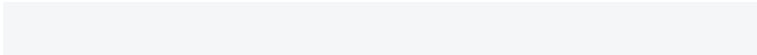
50, 67.239, 60.746



15, 24.632, 61.668

Inverse Universe

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



97, 0.625, 256.433



99, 0.790, 256.326



97, 1.033, 290.329



51, 0.435, 256.350



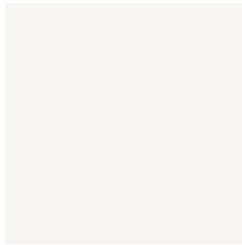
40, 57.284, 284.304



11, 22.252, 277.030

Previews

White Background



This preview shows how the CIELCh color 97, 0.608, 74.613 looks on a white background.

Color Contrast Check

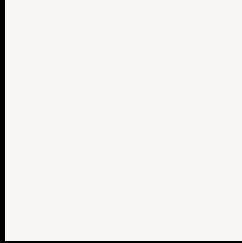
Large Text (above 18pt) WCAG AA × Fail

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, 0.608, 74.613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

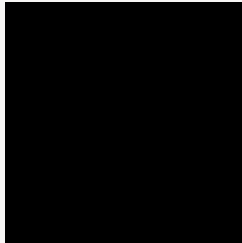
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

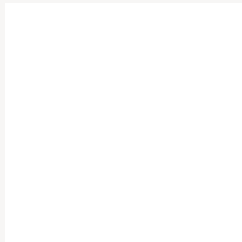
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 0.608, 74.613

Background



This preview shows how black text looks on a background with the CIELCh color 97, 0.608, 74.613.

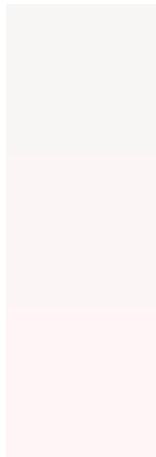


This preview shows how white text looks on a background with the CIELCh color 97, 0.608, 74.613.

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, 0.608, 74.613

Protanopia

97, 2.121, 19.242

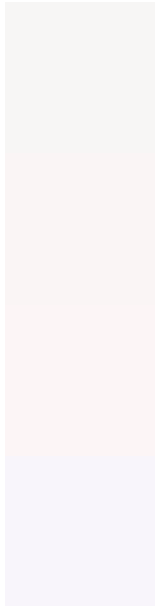
Deuteranopia

97, 4.037, 4.883



Tritanopia
97, 5.242, 302.017

Trichromacy



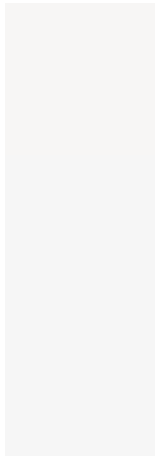
Original Color
97, 0.608, 74.613

Protanomaly
97, 1.766, 19.158

Deuteranomaly
97, 2.532, 7.695

Tritanomaly
97, 3.265, 309.130

Monochromacy



Original Color
97, 0.608, 74.613

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 0.011, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 0.608, 74.613 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(247, 246, 245)` looks like.

```
.text, #text, p{  
    color:rgb(247, 246, 245)  
}
```

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(247, 246, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 246, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 0.608, 74.613 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(247, 246, 245) }
```

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

```
.border{ border-color:rgb(247, 246, 245) }
```

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

Here you see how a box with a 4 pixel rgb(247, 246, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 246, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 246, 245);  
box-shadow:4px 4px 4px 4px rgb(247, 246,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 0.608, 74.613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 246, 245) }
```

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

```
.background{ background-color: rgb(247,  
246, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor