

Converting Colors

CIELCh(97, 2.267, 30.059)

Have a look what the booklet for
CIELCh(97, 2.267, 30.059) contains.

CIELCh(97, 2.177, 32.788)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(97, 2.177, 32.788)

Conversions

Conversions Part 1

Format	Color
Hex	FBF5F4
RGB	251, 245, 244
RGB Percent	98%, 96%, 96%
CMY	0.0152, 0.0388, 0.0427
CMYK	0.00, 0.02, 0.03, 0.02
HSL	9°, 47%, 97%
HSV	9°, 3%, 98%
XYZ	88.8559, 92.4403, 98.8357
YIQ	246.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

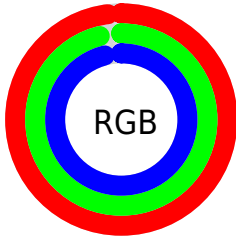
Format	Color
R _Y B	251, 245, 244
Decimal	16512500
CIE Lab	97.00, 1.83, 1.18
CIE LCh	97, 2.177, 32.788
Yxy	92.4403, 0.3172, 0.3300
Android (android.graphics.Color)	4294702580 (0xFFFBF5F4)
YUV	246.6800, -1.3212, 3.7886
Hunter-Lab	96.1459, -3.2896, 6.3534

Details

The CIELCh color **97, 2.177, 32.788** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 2.140, 213.442**, 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, 2.290, 32.857** is the 20% darker color. If you saturate the color by 10%, you get **91, 10.408, 33.199**, and if you desaturate by 10%, it is **100, 1.350, 199.811**.

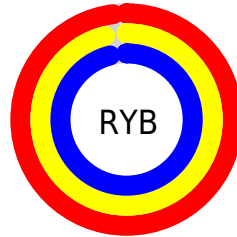
Distribution



Red (98%)

Green (96%)

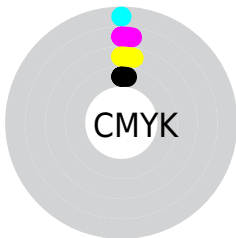
Blue (96%)



Red (98%)

Yellow (96%)

Blue (96%)

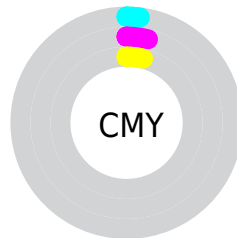


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (2%)



Cyan (2%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 2.177, 32.788 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, 2.177, 32.788 by changing the saturation by 10% instead.

 97, 2.177, 32.788	 97, 2.177, 32.788
 100, 2.177, 32.788	 87, 2.177, 32.788
	 77, 2.177, 32.788
	 67, 2.177, 32.788
	 57, 2.177, 32.788
	 47, 2.177, 32.788
	 37, 2.177, 32.788
	 27, 2.177, 32.788
	 17, 2.177, 32.788
	 7, 2.177, 32.788

97, 2.177, 32.788

97, 2.177, 32.788

91, 10.408, 33.199

100, 1.350,
199.811

85, 19.348, 33.472

80, 29.038, 33.906

74, 39.487, 34.565

69, 50.646, 35.505

65, 62.372, 36.766

61, 74.358, 38.333

58, 85.955, 40.027

55, 95.726, 41.289

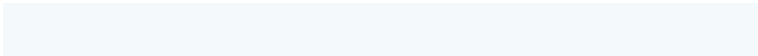
Harmonies

Complementary

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



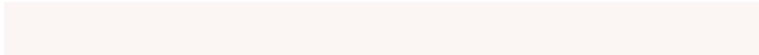
97, 2.177, 32.788



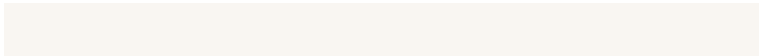
98, 2.140, 213.442

Rectangle

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



97, 2.177, 32.788



97, 2.177, 82.788



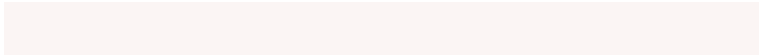
97, 2.177, 212.788



97, 2.177, 262.788

Sweetspot

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



97, 2.176, 32.853



99, 0.784, 32.300



97, 3.987, 328.386



53, 0.445, 32.255



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, 2.176, 32.853



98, 2.373, 32.876



98, 2.415, 87.889



51, 1.775, 32.940



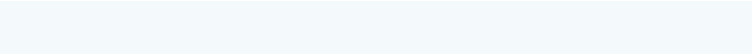
41, 80.858, 41.981



10, 29.559, 33.494

Inverse Universe

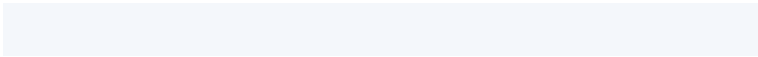
The Inverse Universe completely reimagines the original color for something new.



98, 2.140, 213.442



99, 2.331, 213.420



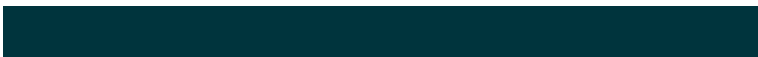
97, 2.431, 268.849



52, 1.734, 213.361



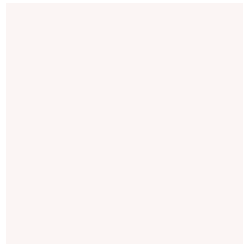
61, 34.804, 223.300



19, 15.851, 219.455

Previews

White Background



This preview shows how the CIE LCh color 97, 2.177, 32.788 looks on a white background.

Color Contrast Check

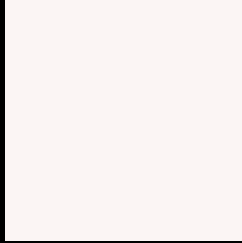
Large Text (above 18pt) WCAG AA × Fail

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, 2.177, 32.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

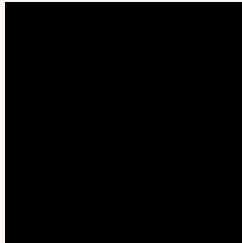
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

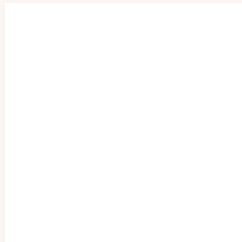
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 2.177, 32.788

Background



This preview shows how black text looks on a background with the CIELCh color 97, 2.177, 32.788.



This preview shows how white text looks on a background with the CIELCh color 97, 2.177, 32.788.

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, 2.177, 32.788

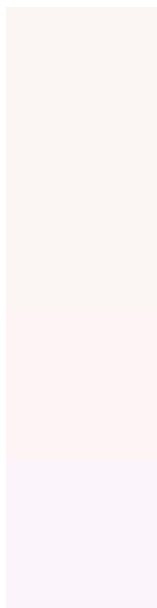
Protanopia
97, 2.177, 32.788

Deuteranopia
97, 4.037, 4.883



Tritanopia
97, 6.168, 313.832

Trichromacy



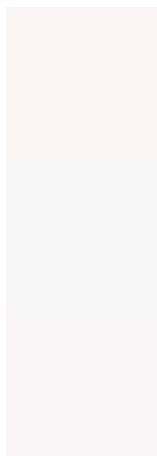
Original Color
97, 2.177, 32.788

Protanomaly
97, 2.177, 32.788

Deuteranomaly
97, 3.585, 11.289

Tritanomaly
97, 4.371, 324.526

Monochromacy



Original Color
97, 2.177, 32.788

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, 2.177, 32.788 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, 245, 244)` looks like.

```
.text, #text, p{  
    color:rgb(251, 245, 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(251, 245, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 245, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 2.177, 32.788 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, 245, 244) }
```

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

```
.border{ border-color:rgb(251, 245, 244) }
```

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

Here you see how a box with a 4 pixel rgb(251, 245, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 245, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 245, 244);  
box-shadow:4px 4px 4px 4px rgb(251, 245,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 2.177, 32.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 245, 244) }
```

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

```
.background{ background-color: rgb(251,  
245, 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](#).

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