

Converting Colors

CIELCh(100, 18.230, 43.252)

Have a look what the booklet for
CIELCh(100, 18.230, 43.252)
contains.

CIELCh(97, 7.982, 82.625)	3
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Color

CIELCh(97, 7.982, 82.625)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5E7
RGB	255, 245, 231
RGB Percent	100%, 96%, 91%
CMY	0.0000, 0.0387, 0.0936
CMYK	0.00, 0.04, 0.09, 0.00
HSL	35°, 100%, 95%
HSV	35°, 9%, 100%
XYZ	88.4174, 92.4403, 88.8749
YIQ	246.3940, 10.4540, -2.2340

Conversions

Conversions Part 2

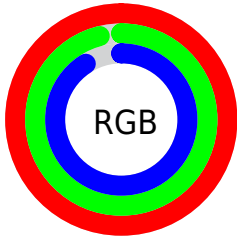
Format	Color
R_{YB}	248, 255, 231
Decimal	16774631
CIE _{Lab}	97.00, 1.02, 7.92
CIE _{LCh}	97, 7.982, 82.625
Yxy	92.4403, 0.3278, 0.3427
Android (android.graphics.Color)	4294964711 (0xFFFFF5E7)
YUV	246.3940, -7.5892, 7.5475
Hunter-Lab	96.1459, -4.1037, 12.4959

Details

The CIELCh color **97, 7.982, 82.625** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **95, 7.885, 265.491**, 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, 8.231, 84.708** is the 20% darker color. If you saturate the color by 10%, you get **94, 16.748, 81.647**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

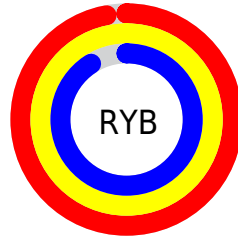
Distribution



Red (100%)

Green (96%)

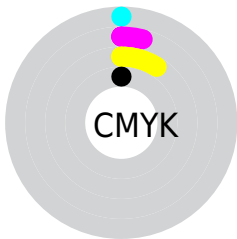
Blue (91%)



Red (97%)

Yellow (100%)

Blue (91%)

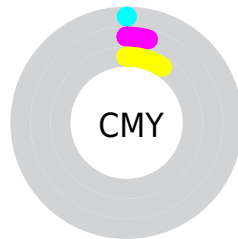


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (0%)



Cyan (0%)




Magenta (4%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 7.982, 82.625 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, 7.982, 82.625 by changing the saturation by 10% instead.

 97, 7.982, 82.625	 97, 7.982, 82.625
 100, 7.982, 82.625	 87, 7.982, 82.625
	 77, 7.982, 82.625
	 67, 7.982, 82.625
	 57, 7.982, 82.625
	 47, 7.982, 82.625
	 37, 7.982, 82.625
	 27, 7.982, 82.625
	 17, 7.982, 82.625
	 7, 7.982, 82.625

97, 7.982, 82.625

97, 7.982, 82.625

94, 16.748, 81.647

100, 0.012,
296.813

91, 25.820, 80.301

88, 35.163, 78.916

85, 44.714, 77.491

82, 54.322, 76.011

79, 63.673, 74.427

77, 72.171, 72.635

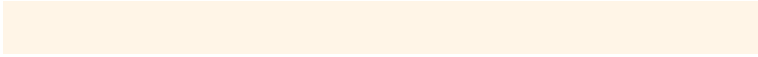
74, 78.853, 70.431

72, 82.907, 67.598

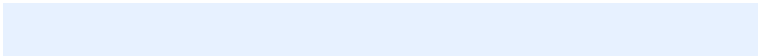
Harmonies

Complementary

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



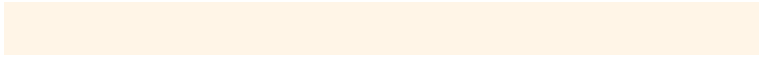
97, 7.982, 82.625



95, 7.885, 265.491

Rectangle

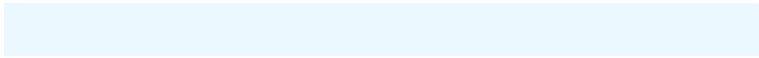
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 7.982, 82.625



97, 7.982, 132.625



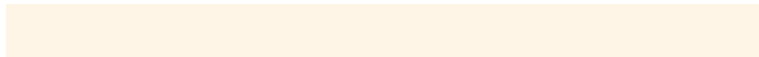
97, 7.982, 262.625



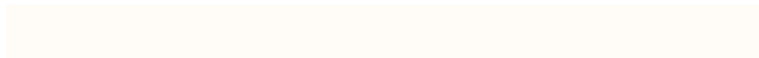
97, 7.982, 312.625

Sweetspot

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



97, 7.962, 82.941



99, 2.519, 83.660



94, 9.960, 349.197



53, 1.913, 83.588



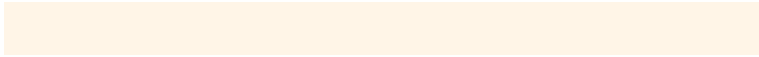
0, 0.000, 0.000



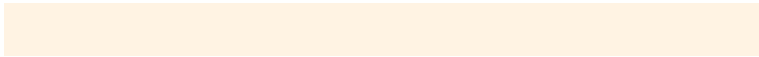
53, 0.007, 296.813

Same Dimension

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



97, 7.962, 82.941



96, 9.381, 82.735



99, 12.114, 112.665



52, 4.836, 82.923



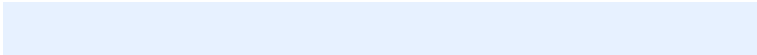
55, 66.863, 68.072



18, 27.282, 70.532

Inverse Universe

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



95, 7.885, 265.491



94, 9.267, 265.725



92, 12.382, 294.296



50, 4.788, 265.511



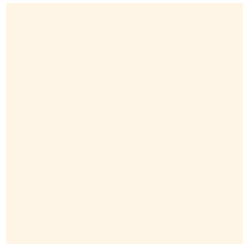
37, 68.884, 291.560



10, 27.701, 285.727

Previews

White Background



This preview shows how the CIE LCh color 97, 7.982, 82.625 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, 7.982, 82.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

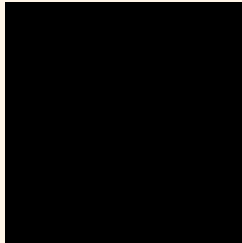
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

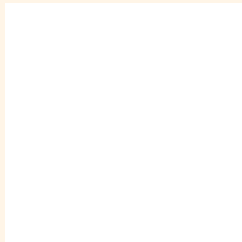
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 7.982, 82.625

Background



This preview shows how black text looks on a background with the CIELCh color 97, 7.982, 82.625.

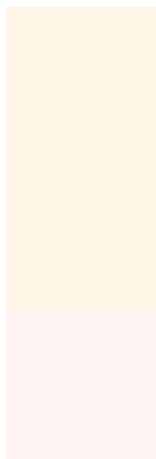


This preview shows how white text looks on a background with the CIELCh color 97, 7.982, 82.625.

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, 7.982, 82.625

Protanopia

97, 7.824, 85.010

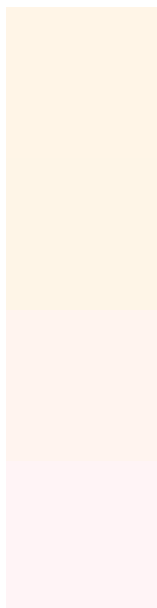
Deuteranopia

97, 3.939, 26.928



Tritanopia
97, 7.476, 324.660

Trichromacy



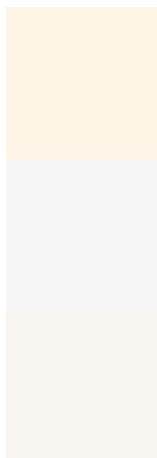
Original Color
97, 7.982, 82.625

Protanomaly
97, 7.824, 85.010

Deuteranomaly
97, 4.670, 52.533

Tritanomaly
97, 4.037, 4.883

Monochromacy



Original Color
97, 7.982, 82.625

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.745, 87.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 7.982, 82.625 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(255, 245, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 231)  
}
```

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(255, 245, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 7.982, 82.625 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(255, 245, 231) }
```

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

```
.border{ border-color:rgb(255, 245, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 7.982, 82.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 231) }
```

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

```
.background{ background-color: rgb(255,  
245, 231) }
```

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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