

Converting Colors

CIELCh(100, 23.824, 54.439)

Have a look what the booklet for
CIELCh(100, 23.824, 54.439)
contains.

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Color

CIELCh(97, 14.231, 94.062)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6DB
RGB	255, 246, 219
RGB Percent	100%, 96%, 86%
CMY	0.0000, 0.0354, 0.1414
CMYK	0.00, 0.04, 0.14, 0.00
HSL	45°, 100%, 93%
HSV	45°, 14%, 100%
XYZ	87.3173, 92.4403, 80.2152
YIQ	245.6130, 14.0310, -6.4890

Conversions

Conversions Part 2

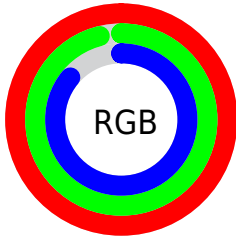
Format	Color
R _Y B	231, 255, 219
Decimal	16774875
CIE Lab	97.00, -1.01, 14.20
CIE LCh	97, 14.231, 94.062
Yxy	92.4403, 0.3359, 0.3556
Android (android.graphics.Color)	4294964955 (0xFFFFF6DB)
YUV	245.6130, -13.1202, 8.2324
Hunter-Lab	96.1459, -6.1460, 17.8361

Details

The CIELCh color **97, 14.231, 94.062** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **91, 14.284, 279.047**, 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, 14.228, 96.173** is the 20% darker color. If you saturate the color by 10%, you get **95, 24.288, 94.237**, and if you desaturate by 10%, it is **99, 4.108, 96.649**.

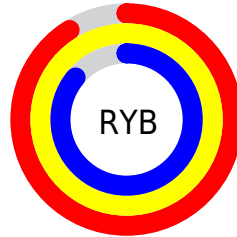
Distribution



Red (100%)

Green (96%)

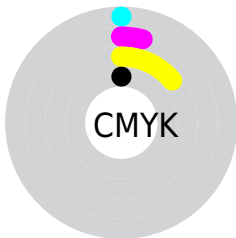
Blue (86%)



Red (91%)

Yellow (100%)

Blue (86%)

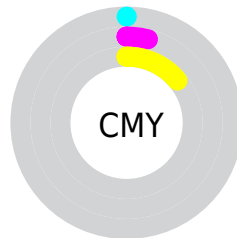


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 14.231, 94.062 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, 14.231, 94.062 by changing the saturation by 10% instead.

 97, 14.231, 94.062

 97, 14.231, 94.062

 100, 14.231,
94.062

 87, 14.231, 94.062

 77, 14.231, 94.062

 67, 14.231, 94.062

 57, 14.231, 94.062

 47, 14.231, 94.062

 37, 14.231, 94.062

 27, 14.231, 94.062

 17, 14.231, 94.062

 7, 14.231, 94.062

97, 14.231, 94.062

97, 14.231, 94.062

95, 24.288, 94.237

99, 4.108, 96.649

93, 34.490, 92.956

100, 0.012,
296.813

91, 44.656, 91.642

89, 54.607, 90.297

87, 64.024, 88.913

85, 72.375, 87.463

84, 78.871, 85.888

82, 82.648, 84.083

81, 83.692, 82.906

Harmonies

Complementary

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



97, 14.231, 94.062



91, 14.284, 279.047

Rectangle

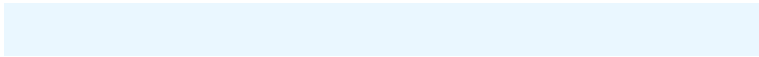
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 14.231, 94.062



97, 14.231, 144.062



97, 14.231, 274.062



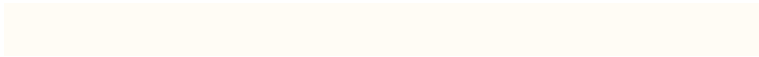
97, 14.231, 324.062

Sweetspot

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



97, 14.144, 95.479



99, 3.967, 96.664



91, 14.015, 359.682



53, 2.822, 96.584



0, 0.000, 0.000



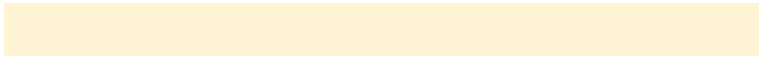
53, 0.007, 296.813

Same Dimension

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



97, 14.144, 95.479



96, 17.034, 95.129



99, 18.529, 118.359



52, 5.668, 96.037



62, 67.499, 83.305



21, 29.439, 85.763

Inverse Universe

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



91, 14.284, 279.047



89, 17.231, 279.468



89, 19.084, 300.263



50, 5.712, 278.406



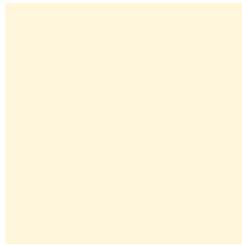
29, 88.977, 300.655



7, 35.627, 295.862

Previews

White Background



This preview shows how the CIE LCh color 97, 14.231, 94.062 looks on a white background.

Color Contrast Check

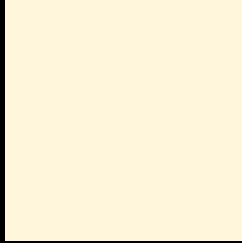
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 97, 14.231, 94.062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

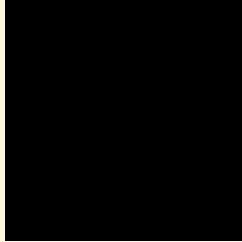
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 14.231, 94.062

Background



This preview shows how black text looks on a background with the CIELCh color 97, 14.231, 94.062.

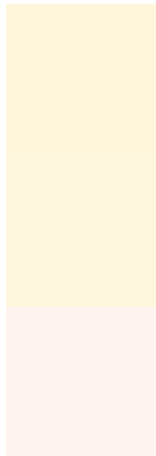


This preview shows how white text looks on a background with the CIELCh color 97, 14.231, 94.062.

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, 14.129, 95.524

Protanopia

97, 11.663, 92.897

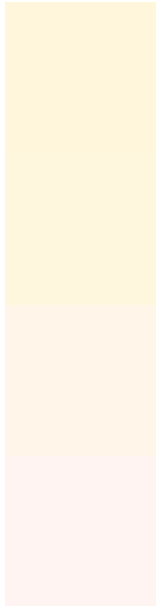
Deuteranopia

97, 4.410, 47.004



Tritanopia
97, 7.061, 326.996

Trichromacy



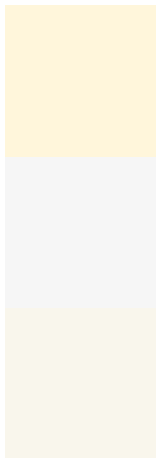
Original Color
97, 14.129, 95.524

Protanomaly
97, 12.646, 94.080

Deuteranomaly
97, 7.528, 80.937

Tritanomaly
97, 4.197, 40.844

Monochromacy



Original Color
97, 14.129, 95.524

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 5.195, 97.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 14.231, 94.062 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, 246, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 219)  
}
```

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, 246, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 14.231, 94.062 is called "border". The border property can be set on classes, ids or directly on the HTML element.

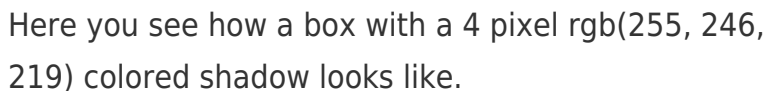
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 246, 219) }
```

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

```
.border{ border-color:rgb(255, 246, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 246, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 246, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 246, 219); box-shadow:4px 4px 4px 4px rgb(255, 246, 219) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 14.231, 94.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 219) }
```

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

```
.background{ background-color: rgb(255,  
246, 219) }
```

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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