

Converting Colors

CIELCh(100, 21.627, 58.455)

Have a look what the booklet for
CIELCh(100, 21.627, 58.455)
contains.

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Color

CIELCh(97, 13.634, 95.080)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6DC
RGB	255, 246, 220
RGB Percent	100%, 96%, 86%
CMY	0.0000, 0.0348, 0.1368
CMYK	0.00, 0.03, 0.14, 0.00
HSL	45°, 100%, 93%
HSV	45°, 14%, 100%
XYZ	87.2100, 92.4403, 81.0370
YIQ	245.7270, 13.7100, -6.1780

Conversions

Conversions Part 2

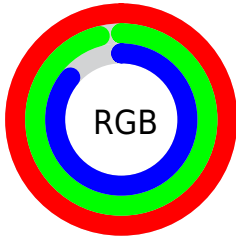
Format	Color
R _Y B	232, 255, 220
Decimal	16774876
CIE Lab	97.00, -1.21, 13.58
CIE LCh	97, 13.634, 95.080
Yxy	92.4403, 0.3345, 0.3546
Android (android.graphics.Color)	4294964956 (0xFFFFF6DC)
YUV	245.7270, -12.6834, 8.1324
Hunter-Lab	96.1459, -6.3452, 17.3292

Details

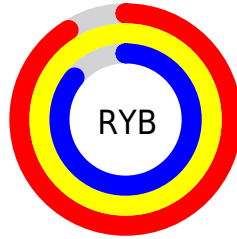
The CIELCh color **97, 13.634, 95.080** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **91, 13.749, 278.729**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 13.707, 95.757** is the 20% darker color. If you saturate the color by 10%, you get **95, 23.730, 94.030**, and if you desaturate by 10%, it is **99, 3.633, 96.438**.

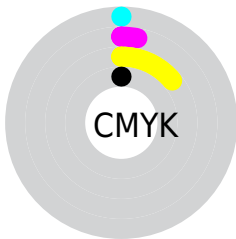
Distribution



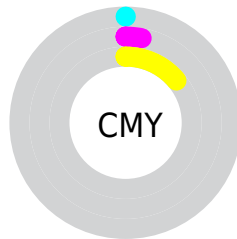
- Red (100%)
- Green (96%)
- Blue (86%)



- Red (91%)
- Yellow (100%)
- Blue (86%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (0%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 13.634, 95.080 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, 13.634, 95.080 by changing the saturation by 10% instead.

 97, 13.634, 95.080

 97, 13.634, 95.080

 100, 13.634,
95.080

 87, 13.634, 95.080

 77, 13.634, 95.080

 67, 13.634, 95.080

 57, 13.634, 95.080

 47, 13.634, 95.080

 37, 13.634, 95.080

 27, 13.634, 95.080

 17, 13.634, 95.080

 7, 13.634, 95.080

97, 13.634, 95.080

97, 13.634, 95.080

95, 23.730, 94.030

99, 3.633, 96.438

93, 33.902, 92.746

100, 0.012,
296.813

91, 44.049, 91.429

89, 54.000, 90.080

87, 63.447, 88.690

85, 71.869, 87.234

83, 78.490, 85.651

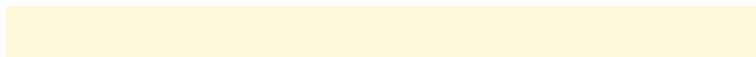
82, 82.431, 83.836

81, 83.597, 82.549

Harmonies

Complementary

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



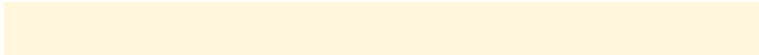
97, 13.634, 95.080



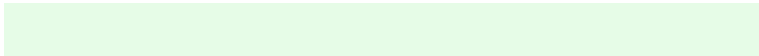
91, 13.749, 278.729

Rectangle

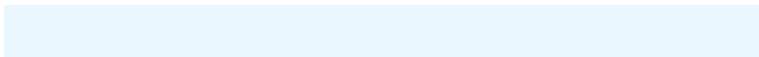
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 13.634, 95.080



97, 13.634, 145.080



97, 13.634, 275.080



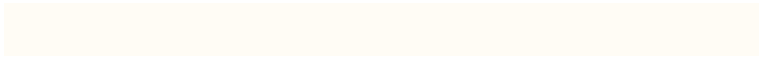
97, 13.634, 325.080

Sweetspot

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



97, 13.625, 95.274



99, 3.951, 96.405



91, 13.543, 359.630



53, 2.811, 96.324



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

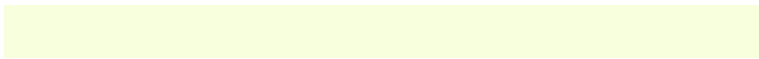
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 13.625, 95.274



96, 15.961, 94.990



99, 17.925, 118.390



52, 5.646, 95.777



62, 67.420, 82.955



21, 29.367, 85.438

Inverse Universe

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



91, 13.749, 278.729



89, 16.126, 279.068



89, 18.444, 300.228



50, 5.687, 278.153



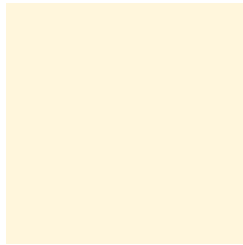
29, 88.539, 300.498



7, 35.462, 295.707

Previews

White Background



This preview shows how the CIE LCh color 97, 13.634, 95.080 looks on a white background.

Color Contrast Check

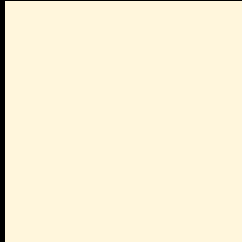
Large Text (above 18pt) WCAG AA × Fail

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, 13.634, 95.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

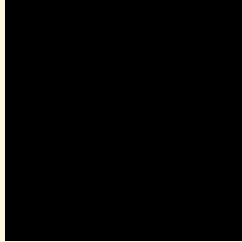
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 13.634, 95.080

Background



This preview shows how black text looks on a background with the CIELCh color 97, 13.634, 95.080.

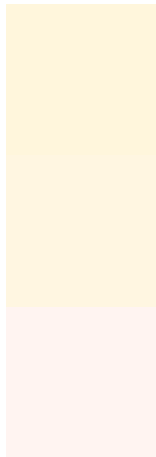


This preview shows how white text looks on a background with the CIELCh color 97, 13.634, 95.080.

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, 13.634, 95.080

Protanopia

97, 11.173, 92.222

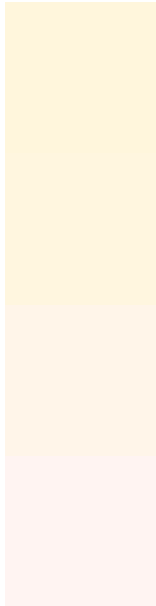
Deuteranopia

97, 4.197, 40.844



Tritanopia
97, 7.061, 326.996

Trichromacy



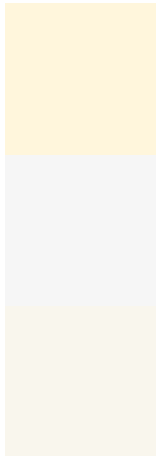
Original Color
97, 13.634, 95.080

Protanomaly
97, 12.154, 93.514

Deuteranomaly
97, 7.081, 79.029

Tritanomaly
97, 4.038, 34.110

Monochromacy



Original Color
97, 13.634, 95.080

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 4.696, 96.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 13.634, 95.080 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 13.634, 95.080 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, 220) }
```

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

```
.border{ border-color:rgb(255, 246, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 13.634, 95.080 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, 220) }
```

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

```
.background{ background-color: rgb(255,  
246, 220) }
```

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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