

Converting Colors

CIELCh(100, 23.692, 56.549)

Have a look what the booklet for
CIELCh(100, 23.692, 56.549)
contains.

CIELCh(97, 14.725, 94.517)	3
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Color

CIELCh(97, 14.725, 94.517)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6DA
RGB	255, 246, 218
RGB Percent	100%, 96%, 85%
CMY	0.0000, 0.0352, 0.1451
CMYK	0.00, 0.04, 0.15, 0.00
HSL	45°, 100%, 93%
HSV	45°, 15%, 100%
XYZ	87.2357, 92.4403, 79.5721
YIQ	245.4990, 14.3520, -6.8000

Conversions

Conversions Part 2

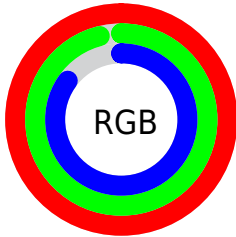
Format	Color
R _Y B	230, 255, 218
Decimal	16774874
CIE Lab	97.00, -1.16, 14.68
CIE LCh	97, 14.725, 94.517
Yxy	92.4403, 0.3365, 0.3566
Android (android.graphics.Color)	4294964954 (0xFFFFF6DA)
YUV	245.4990, -13.5570, 8.3324
Hunter-Lab	96.1459, -6.2976, 18.2326

Details

The CIELCh color **97, 14.725, 94.517** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 14.799, 279.623**, 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, 14.750, 96.557** is the 20% darker color. If you saturate the color by 10%, you get **95, 24.855, 94.744**, and if you desaturate by 10%, it is **99, 4.515, 97.149**.

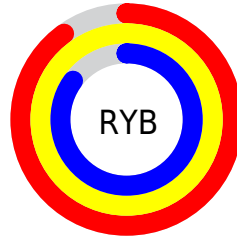
Distribution



Red (100%)

Green (96%)

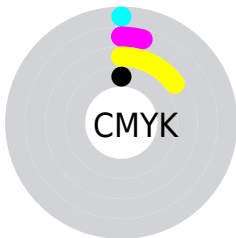
Blue (85%)



Red (90%)

Yellow (100%)

Blue (85%)

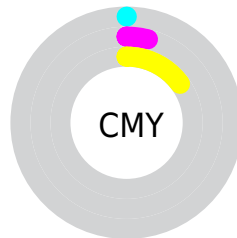


Cyan (0%)

Magenta (4%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 14.725, 94.517 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, 14.725, 94.517 by changing the saturation by 10% instead.

97, 14.725, 94.517

97, 14.725, 94.517

100, 14.725,
94.517

87, 14.725, 94.517

77, 14.725, 94.517

67, 14.725, 94.517

57, 14.725, 94.517

47, 14.725, 94.517

37, 14.725, 94.517

27, 14.725, 94.517

17, 14.725, 94.517

7, 14.725, 94.517

97, 14.725, 94.517

97, 14.725, 94.517

95, 24.855, 94.744

99, 4.515, 97.149

93, 35.120, 93.470

100, 0.012,
296.813

91, 45.331, 92.166

89, 55.299, 90.833

87, 64.698, 89.464

86, 72.980, 88.034

84, 79.351, 86.486

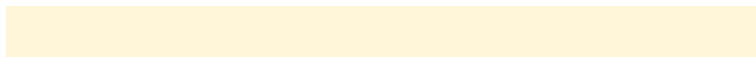
82, 82.967, 84.722

82, 83.905, 83.654

Harmonies

Complementary

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



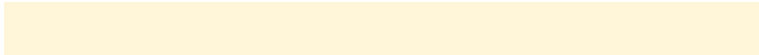
97, 14.725, 94.517



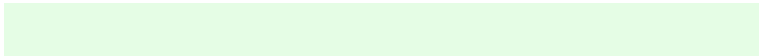
90, 14.799, 279.623

Rectangle

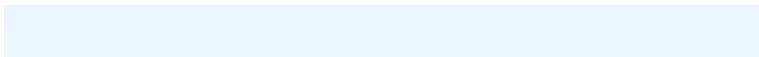
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 14.725, 94.517



97, 14.725, 144.517



97, 14.725, 274.517



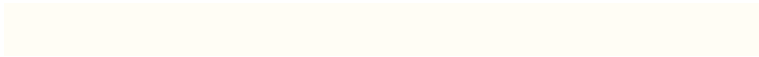
97, 14.725, 324.517

Sweetspot

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



97, 14.636, 95.980



99, 4.001, 97.203



90, 14.294, 0.929



53, 2.846, 97.123



0, 0.000, 0.000



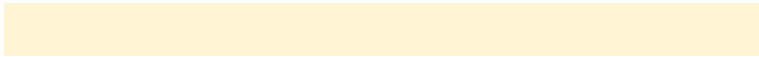
53, 0.007, 296.813

Same Dimension

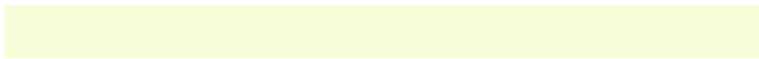
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 14.636, 95.980



96, 17.172, 95.676



98, 19.053, 118.998



52, 5.716, 96.579



63, 67.674, 84.038



21, 29.593, 86.441

Inverse Universe

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



90, 14.799, 279.623



89, 17.392, 279.989



89, 19.629, 300.897



50, 5.763, 278.933



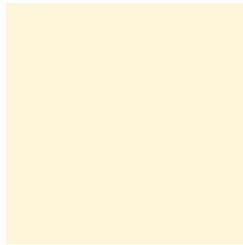
29, 89.889, 300.976



7, 35.970, 296.176

Previews

White Background



This preview shows how the CIELCh color 97, 14.725, 94.517 looks on a white background.

Color Contrast Check

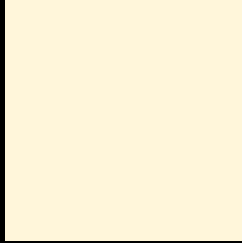
Large Text (above 18pt) WCAG AA × Fail

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, 14.725, 94.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

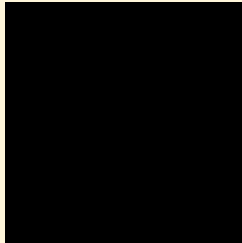
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 14.725, 94.517

Background



This preview shows how black text looks on a background with the CIELCh color 97, 14.725, 94.517.

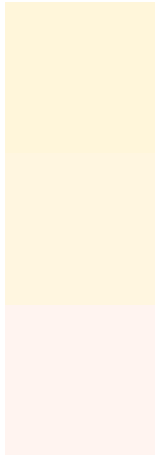


This preview shows how white text looks on a background with the CIELCh color 97, 14.725, 94.517.

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, 14.625, 95.934

Protanopia

97, 11.663, 92.897

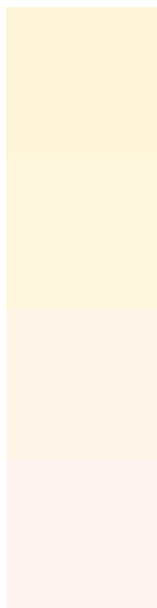
Deuteranopia

97, 4.410, 47.004



Tritanopia
97, 7.061, 326.996

Trichromacy



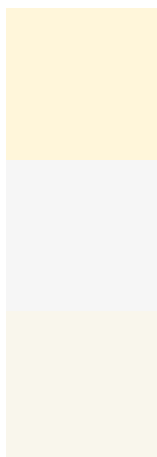
Original Color
97, 14.625, 95.934

Protanomaly
97, 12.646, 94.080

Deuteranomaly
97, 7.528, 80.937

Tritanomaly
97, 4.197, 40.844

Monochromacy



Original Color
97, 14.625, 95.934

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, 14.725, 94.517 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 14.725, 94.517 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, 218) }
```

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

```
.border{ border-color:rgb(255, 246, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 14.725, 94.517 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, 218) }
```

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

```
.background{ background-color: rgb(255,  
246, 218) }
```

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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