

Converting Colors

CIELCh(97, 14.981, 108.325)

Have a look what the booklet for
CIELCh(97, 14.981, 108.325)
contains.

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Color

CIELCh(97, 14.751, 107.613)

Conversions

Conversions Part 1

Format	Color
Hex	F9F8DB
RGB	249, 248, 219
RGB Percent	98%, 97%, 86%
CMY	0.0233, 0.0272, 0.1409
CMYK	0.00, 0.00, 0.12, 0.02
HSL	58°, 72%, 92%
HSV	58°, 12%, 98%
XYZ	85.4683, 92.4403, 80.3962
YIQ	244.9930, 9.9050, -8.8070

Conversions

Conversions Part 2

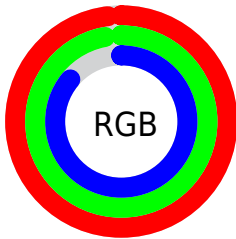
Format	Color
RYB	220, 249, 219
Decimal	16382171
CIELab	97.00, -4.46, 14.06
CIELCh	97, 14.751, 107.613
Yxy	92.4403, 0.3309, 0.3579
Android (android.graphics.Color)	4294572251 (0xFFFF9F8DB)
YUV	244.9930, -12.8145, 3.5141
Hunter-Lab	96.1459, -9.5787, 17.7244

Details

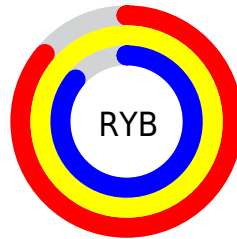
The CIELCh color **97, 14.751, 107.613** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 15.142, 290.141**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 14.933, 108.779** is the 20% darker color. If you saturate the color by 10%, you get **96, 26.933, 106.612**, and if you desaturate by 10%, it is **98, 2.499, 108.588**.

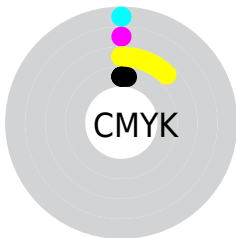
Distribution



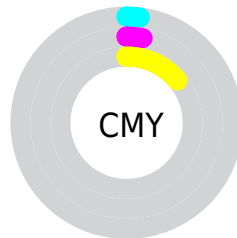
- Red (98%)
- Green (97%)
- Blue (86%)



- Red (86%)
- Yellow (98%)
- Blue (86%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (3%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 14.751, 107.613 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, 14.751, 107.613 by changing the saturation by 10% instead.


 97, 14.751,
107.613


 97, 14.751,
107.613


 100, 14.751,
107.613


 87, 14.751,
107.613

 77, 14.751,
107.613

 67, 14.751,
107.613

 57, 14.751,
107.613

 47, 14.751,
107.613

 37, 14.751,
107.613

 27, 14.751,

107.613

■ 17, 14.751,
107.613

■ 7, 14.751, 107.613

■ 97, 14.751,
107.613

■ 97, 14.751,
107.613

■ 96, 26.933,
106.612

■ 98, 2.499, 108.588

■ 96, 38.944,
105.604

■ 98, 2.708, 285.579

■ 98, 2.329, 277.617

■ 95, 50.633,
104.616

■ 99, 2.012, 266.884

■ 95, 61.761,
103.671

■ 99, 1.788, 252.860

■ 99, 1.696, 236.170

94, 71.961,
102.799

99, 1.755, 219.170

94, 80.707,
102.033

99, 1.952, 204.464

93, 87.362,
101.408

100, 2.060,
199.596

93, 91.385,
100.947

93, 92.854,
100.681

Harmonies

Complementary

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



97, 14.751, 107.613



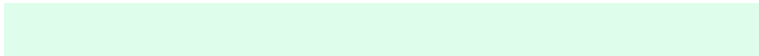
89, 15.142, 290.141

Rectangle

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



97, 14.751, 107.613



97, 14.751, 157.613



97, 14.751, 287.613



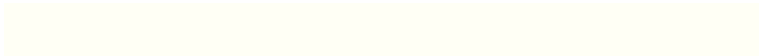
97, 14.751, 337.613

Sweetspot

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



97, 14.753, 107.620



100, 4.991, 108.412



90, 11.025, 17.470



53, 3.548, 108.340



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, 14.753, 107.620



99, 17.472, 107.423



96, 16.144, 127.346



52, 6.982, 107.875



73, 75.409, 100.718



24, 33.471, 101.245

Inverse Universe

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



89, 15.142, 290.141



89, 18.006, 290.381



89, 16.438, 308.459



48, 7.130, 289.844



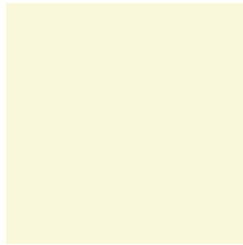
23, 105.210, 305.899



3, 41.048, 300.281

Previews

White Background



This preview shows how the CIELCh color 97, 14.751, 107.613 looks on a white background.

Color Contrast Check

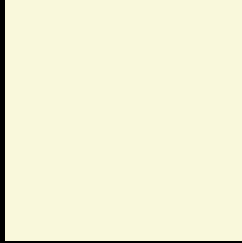
Large Text (above 18pt) WCAG AA × Fail

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, 14.751, 107.613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

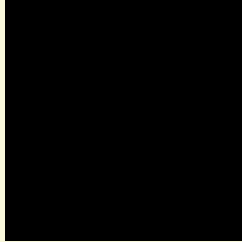
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 14.751, 107.613

Background



This preview shows how black text looks on a background with the CIELCh color 97, 14.751, 107.613.



This preview shows how white text looks on a background with the CIELCh color 97, 14.751, 107.613.

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, 14.751, 107.613

Protanopia

97, 11.663, 92.897

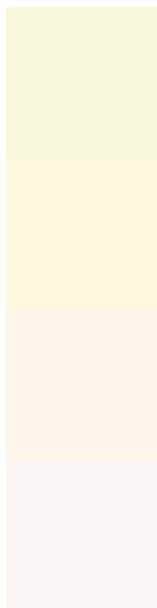
Deuteranopia

97, 4.410, 47.004



Tritanopia
97, 6.168, 313.832

Trichromacy



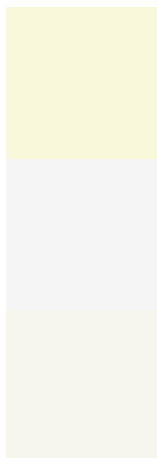
Original Color
97, 14.751, 107.613

Protanomaly
97, 12.900, 99.375

Deuteranomaly
97, 7.209, 86.028

Tritanomaly
97, 2.325, 60.312

Monochromacy



Original Color
97, 14.751, 107.613

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 5.094, 109.772

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 14.751, 107.613 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(249, 248, 219)` looks like.

```
.text, #text, p{  
    color:rgb(249, 248, 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(249, 248, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 248, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 14.751, 107.613 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(249, 248, 219) }
```

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

```
.border{ border-color:rgb(249, 248, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 248, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 248, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 248, 219);  
box-shadow:4px 4px 4px 4px rgb(249, 248,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 14.751, 107.613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 248, 219) }
```

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

```
.background{ background-color: rgb(249,  
248, 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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