

Converting Colors

CIELCh(100, 19.434, 58.641)

Have a look what the booklet for
CIELCh(100, 19.434, 58.641)
contains.

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Color

CIELCh(97, 12.546, 95.714)

Conversions

Conversions Part 1

Format	Color
Hex	FEF6DE
RGB	254, 246, 222
RGB Percent	100%, 96%, 87%
CMY	0.0031, 0.0344, 0.1285
CMYK	0.00, 0.03, 0.13, 0.00
HSL	45°, 95%, 93%
HSV	45°, 13%, 100%
XYZ	87.1875, 92.4403, 82.5171
YIQ	245.6560, 12.4720, -5.7680

Conversions

Conversions Part 2

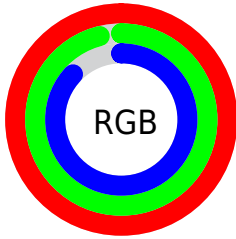
Format	Color
RYB	233, 254, 222
Decimal	16709342
CIELab	97.00, -1.25, 12.48
CIElCh	97, 12.546, 95.714
Yxy	92.4403, 0.3326, 0.3526
Android (android.graphics.Color)	4294899422 (0xFFFEF6DE)
YUV	245.6560, -11.6624, 7.3177
Hunter-Lab	96.1459, -6.3870, 16.4165

Details

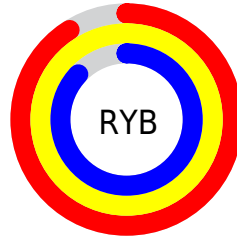
The CIELCh color **97, 12.546, 95.714** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 12.662, 278.879**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 12.578, 96.536** is the 20% darker color. If you saturate the color by 10%, you get **95, 22.659, 94.491**, and if you desaturate by 10%, it is **99, 2.548, 96.856**.

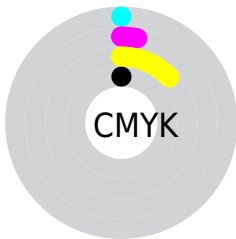
Distribution



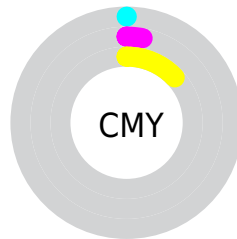
- Red (100%)
- Green (96%)
- Blue (87%)



- Red (91%)
- Yellow (100%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (0%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 12.546, 95.714 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, 12.546, 95.714 by changing the saturation by 10% instead.

 97, 12.546, 95.714

 97, 12.546, 95.714

 100, 12.546,
95.714

 87, 12.546, 95.714

 77, 12.546, 95.714

 67, 12.546, 95.714

 57, 12.546, 95.714

 47, 12.546, 95.714

 37, 12.546, 95.714

 27, 12.546, 95.714

 17, 12.546, 95.714

 7, 12.546, 95.714

97, 12.546, 95.714

97, 12.546, 95.714

95, 22.659, 94.491

99, 2.548, 96.856

93, 32.838, 93.216

100, 0.274,
201.809

91, 42.998, 91.909

89, 52.977, 90.570

87, 62.485, 89.195

85, 71.027, 87.761

84, 77.854, 86.214

82, 82.089, 84.459

81, 83.518, 82.985

Harmonies

Complementary

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



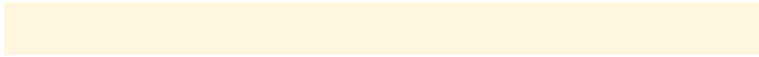
97, 12.546, 95.714



91, 12.662, 278.879

Rectangle

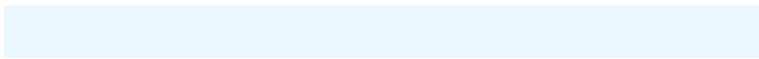
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 12.546, 95.714



97, 12.546, 145.714



97, 12.546, 275.714



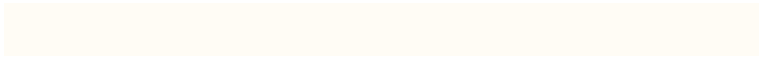
97, 12.546, 325.714

Sweetspot

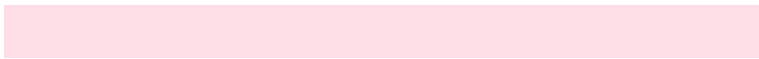
The Sweet Spot groups the original color and five complimentary colors.



97, 12.548, 95.725



99, 3.971, 96.719



91, 12.306, 0.711



53, 2.824, 96.639



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, 12.548, 95.725



97, 15.024, 95.430



98, 16.481, 119.122



52, 5.673, 96.093



62, 67.516, 83.379



21, 29.454, 85.832

Inverse Universe

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



91, 12.662, 278.879



90, 15.181, 279.225



90, 16.914, 300.753



50, 5.717, 278.460



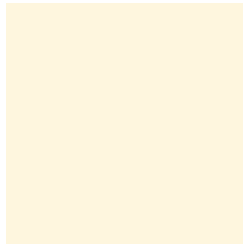
29, 89.070, 300.688



7, 35.662, 295.894

Previews

White Background



This preview shows how the CIELCh color 97, 12.546, 95.714 looks on a white background.

Color Contrast Check

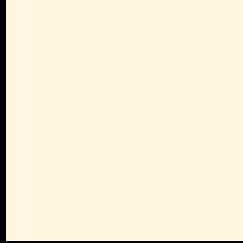
Large Text (above 18pt) WCAG AA × Fail

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, 12.546, 95.714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

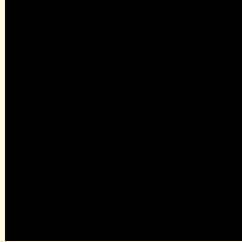
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 12.546, 95.714

Background



This preview shows how black text looks on a background with the CIELCh color 97, 12.546, 95.714.

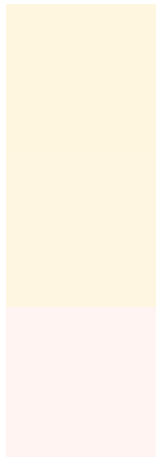


This preview shows how white text looks on a background with the CIELCh color 97, 12.546, 95.714.

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, 12.556, 95.708

Protanopia

97, 10.686, 91.482

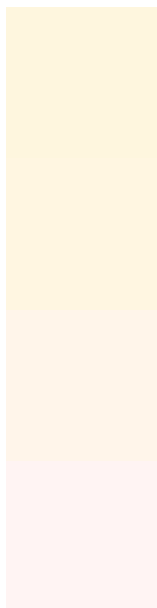
Deuteranopia

97, 4.197, 40.844



Tritanopia
97, 7.476, 324.660

Trichromacy



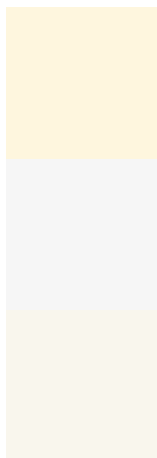
Original Color
97, 12.556, 95.708

Protanomaly
97, 11.173, 92.222

Deuteranomaly
97, 6.644, 76.862

Tritanomaly
97, 3.939, 26.928

Monochromacy



Original Color
97, 12.556, 95.708

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, 12.546, 95.714 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(254, 246, 222)` looks like.

```
.text, #text, p{  
    color:rgb(254, 246, 222)  
}
```

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(254, 246, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 246, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 12.546, 95.714 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(254, 246, 222) }
```

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

```
.border{ border-color:rgb(254, 246, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 246, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 246, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 246, 222); box-shadow:4px 4px 4px 4px rgb(254, 246, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 12.546, 95.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 246, 222) }
```

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

```
.background{ background-color: rgb(254,  
246, 222) }
```

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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