

Converting Colors

CIELCh(97, 9.610, 91.196)

Have a look what the booklet for
CIELCh(97, 9.610, 91.196) contains.

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Color

CIELCh(97, 9.602, 91.827)

Conversions

Conversions Part 1

Format	Color
Hex	FEF6E4
RGB	254, 246, 228
RGB Percent	100%, 96%, 89%
CMY	0.0046, 0.0359, 0.1065
CMYK	0.00, 0.03, 0.10, 0.00
HSL	42°, 92%, 94%
HSV	42°, 10%, 100%
XYZ	87.6962, 92.4403, 86.4983
YIQ	246.3400, 10.5460, -3.9020

Conversions

Conversions Part 2

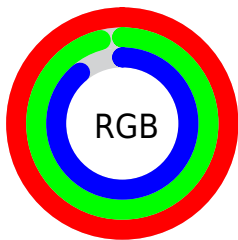
Format	Color
R_{YB}	240, 254, 228
Decimal	16709348
CIE Lab	97.00, -0.31, 9.60
CIE LCh	97, 9.602, 91.827
Yxy	92.4403, 0.3289, 0.3467
Android (android.graphics.Color)	4294899428 (0xFFFEF6E4)
YUV	246.3400, -9.0416, 6.7178
Hunter-Lab	96.1459, -5.4426, 13.9615

Details

The CIELCh color **97, 9.602, 91.827** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 9.625, 274.503**, 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, 9.464, 92.817** is the 20% darker color. If you saturate the color by 10%, you get **95, 19.164, 90.572**, and if you desaturate by 10%, it is **100, 0.214, 91.857**.

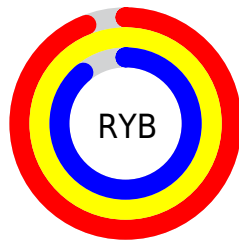
Distribution



Red (100%)

Green (96%)

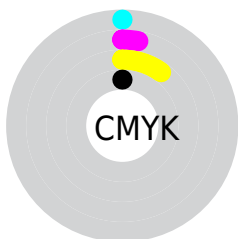
Blue (89%)



Red (94%)

Yellow (100%)

Blue (89%)

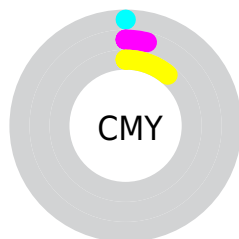


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (0%)



Cyan (0%)












Magenta (4%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 9.602, 91.827 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, 9.602, 91.827 by changing the saturation by 10% instead.

 97, 9.602, 91.827	 97, 9.602, 91.827
 100, 9.602, 91.827	 87, 9.602, 91.827
	 77, 9.602, 91.827
	 67, 9.602, 91.827
	 57, 9.602, 91.827
	 47, 9.602, 91.827
	 37, 9.602, 91.827
	 27, 9.602, 91.827
	 17, 9.602, 91.827
	 7, 9.602, 91.827

97, 9.602, 91.827

97, 9.602, 91.827

95, 19.164, 90.572

100, 0.214, 91.857

92, 28.874, 89.253

100, 0.406,
201.013

90, 38.680, 87.892

87, 48.465, 86.490

85, 58.009, 85.036

83, 66.905, 83.498

81, 74.479, 81.806

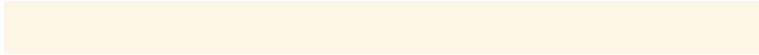
79, 79.804, 79.829

77, 82.393, 77.512

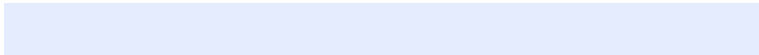
Harmonies

Complementary

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



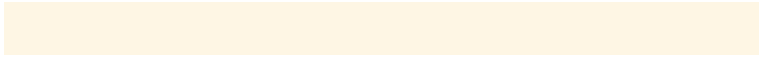
97, 9.602, 91.827



93, 9.625, 274.503

Rectangle

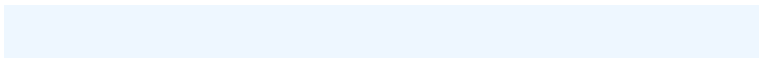
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 9.602, 91.827



97, 9.602, 141.827



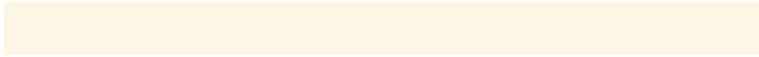
97, 9.602, 271.827



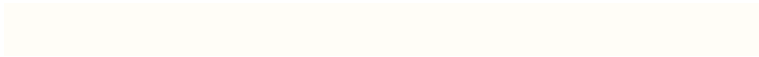
97, 9.602, 321.827

Sweetspot

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



97, 9.604, 91.841



99, 2.797, 92.674



93, 10.270, 355.746



53, 2.124, 92.596



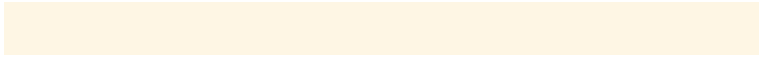
0, 0.000, 0.000



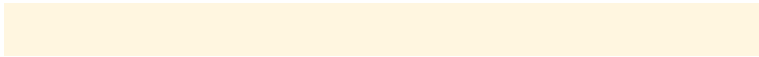
53, 0.007, 296.813

Same Dimension

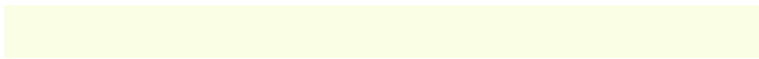
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 9.604, 91.841



97, 11.315, 91.623



99, 13.301, 116.631



52, 5.347, 91.932



60, 66.639, 78.009



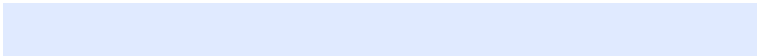
20, 28.464, 80.739

Inverse Universe

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



93, 9.625, 274.503



93, 11.337, 274.752



92, 13.605, 298.116



50, 5.360, 274.402



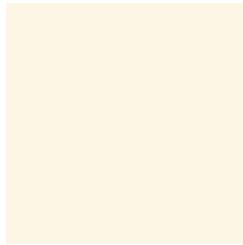
32, 82.197, 298.062



8, 32.991, 293.135

Previews

White Background



This preview shows how the CIELCh color 97, 9.602, 91.827 looks on a white background.

Color Contrast Check

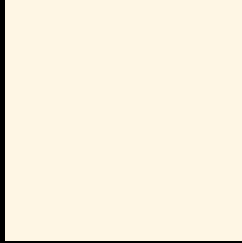
Large Text (above 18pt) WCAG AA × Fail

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, 9.602, 91.827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

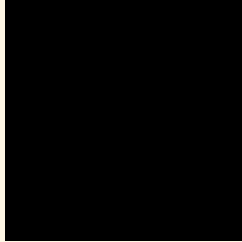
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 9.602, 91.827

Background



This preview shows how black text looks on a background with the CIELCh color 97, 9.602, 91.827.

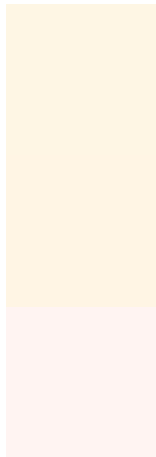


This preview shows how white text looks on a background with the CIELCh color 97, 9.602, 91.827.

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, 9.602, 91.827

Protanopia

97, 9.379, 86.668

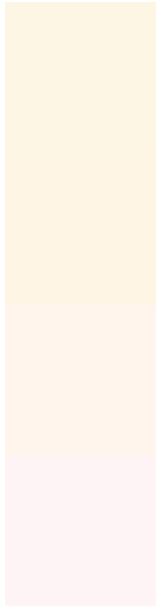
Deuteranopia

97, 4.038, 34.110



Tritanopia
97, 7.283, 322.376

Trichromacy



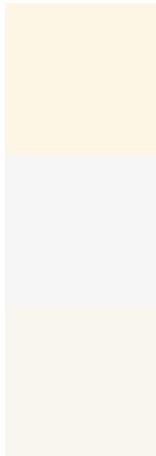
Original Color
97, 9.602, 91.827

Protanomaly
97, 9.379, 86.668

Deuteranomaly
97, 5.409, 68.280

Tritanomaly
97, 3.585, 11.289

Monochromacy



Original Color
97, 9.602, 91.827

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 3.708, 93.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 9.602, 91.827 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(254, 246, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 246, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 9.602, 91.827 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, 228) }
```

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

```
.border{ border-color:rgb(254, 246, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 246, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 246, 228);  
box-shadow:4px 4px 4px 4px rgb(254, 246,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 9.602, 91.827 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, 228) }
```

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

```
.background{ background-color: rgb(254,  
246, 228) }
```

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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