

Converting Colors

CIELCh(97, 8.921, 89.660)

Have a look what the booklet for
CIELCh(97, 8.921, 89.660) contains.

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Color

CIELCh(97, 9.116, 90.921)

Conversions

Conversions Part 1

Format	Color
Hex	FEF6E5
RGB	254, 246, 229
RGB Percent	100%, 96%, 90%
CMY	0.0048, 0.0362, 0.1029
CMYK	0.00, 0.03, 0.10, 0.00
HSL	41°, 91%, 95%
HSV	41°, 10%, 100%
XYZ	87.7825, 92.4403, 87.1757
YIQ	246.4540, 10.2250, -3.5910

Conversions

Conversions Part 2

Format	Color
R _Y B	241, 254, 229
Decimal	16709349
CIE Lab	97.00, -0.15, 9.11
CIE LCh	97, 9.116, 90.921
Yxy	92.4403, 0.3283, 0.3457
Android (android.graphics.Color)	4294899429 (0xFFFEF6E5)
YUV	246.4540, -8.6048, 6.6178
Hunter-Lab	96.1459, -5.2824, 13.5437

Details

The CIELCh color **97, 9.116, 90.921** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 9.127, 273.516**, 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, 8.951, 91.926** is the 20% darker color. If you saturate the color by 10%, you get **94, 18.567, 89.662**, and if you desaturate by 10%, it is **100, 0.148, 274.080**.

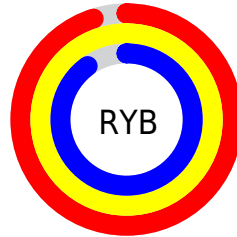
Distribution



Red (100%)

Green (96%)

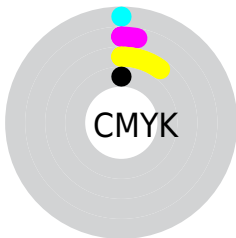
Blue (90%)



Red (95%)

Yellow (100%)

Blue (90%)



Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (4%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 9.116, 90.921 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, 9.116, 90.921 by changing the saturation by 10% instead.

 97, 9.116, 90.921	 97, 9.116, 90.921
 100, 9.116, 90.921	 87, 9.116, 90.921
	 77, 9.116, 90.921
	 67, 9.116, 90.921
	 57, 9.116, 90.921
	 47, 9.116, 90.921
	 37, 9.116, 90.921
	 27, 9.116, 90.921
	 17, 9.116, 90.921
	 7, 9.116, 90.921

97, 9.116, 90.921

97, 9.116, 90.921

94, 18.567, 89.662

100, 0.148,
274.080

92, 28.182, 88.335

100, 0.429,
200.924

90, 37.914, 86.966

87, 47.658, 85.555

85, 57.202, 84.089

83, 66.159, 82.537

81, 73.871, 80.824

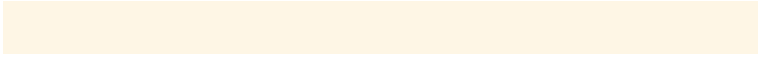
79, 79.408, 78.811

77, 82.237, 76.367

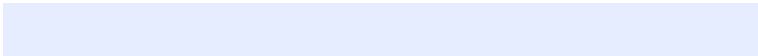
Harmonies

Complementary

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



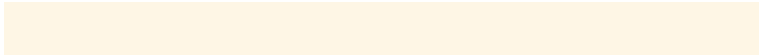
97, 9.116, 90.921



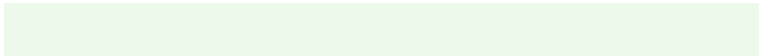
94, 9.127, 273.516

Rectangle

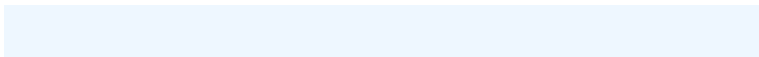
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 9.116, 90.921



97, 9.116, 140.921



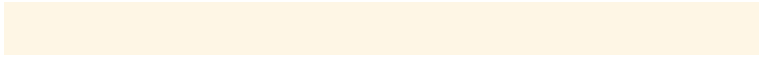
97, 9.116, 270.921



97, 9.116, 320.921

Sweetspot

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



97, 9.117, 90.936



99, 2.761, 91.723



93, 9.954, 354.576



53, 2.097, 91.645



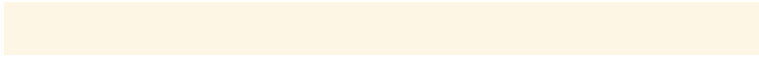
0, 0.000, 0.000



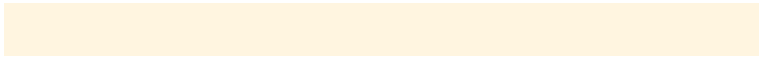
53, 0.007, 296.813

Same Dimension

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



97, 9.117, 90.936



97, 11.178, 90.668



99, 12.769, 115.992



52, 5.281, 90.978



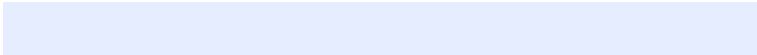
59, 66.543, 76.848



19, 28.282, 79.603

Inverse Universe

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



94, 9.127, 273.516



93, 11.182, 273.821



92, 13.055, 297.463



50, 5.287, 273.469



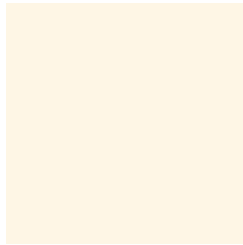
32, 80.675, 297.424



8, 32.374, 292.407

Previews

White Background



This preview shows how the CIELCh color 97, 9.116, 90.921 looks on a white background.

Color Contrast Check

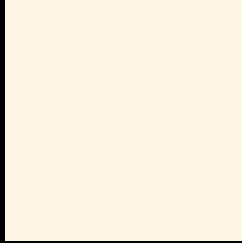
Large Text (above 18pt) WCAG AA × Fail

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, 9.116, 90.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

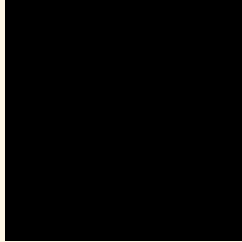
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 9.116, 90.921

Background



This preview shows how black text looks on a background with the CIELCh color 97, 9.116, 90.921.

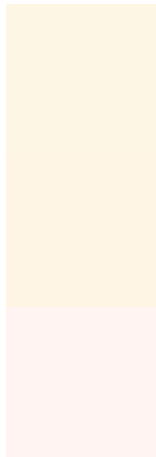


This preview shows how white text looks on a background with the CIELCh color 97, 9.116, 90.921.

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, 9.116, 90.921

Protanopia

97, 8.908, 85.466

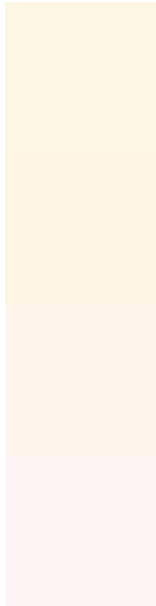
Deuteranopia

97, 4.038, 34.110



Tritanopia
97, 7.283, 322.376

Trichromacy



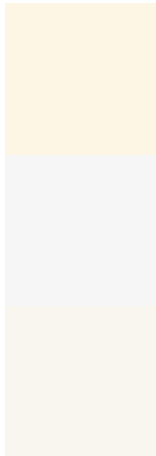
Original Color
97, 9.116, 90.921

Protanomaly
97, 8.908, 85.466

Deuteranomaly
97, 5.409, 68.280

Tritanomaly
97, 3.585, 11.289

Monochromacy



Original Color
97, 9.116, 90.921

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 3.222, 90.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 9.116, 90.921 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(254, 246, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 246, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 9.116, 90.921 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, 229) }
```

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

```
.border{ border-color:rgb(254, 246, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 246, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 246, 229);  
box-shadow:4px 4px 4px 4px rgb(254, 246,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 9.116, 90.921 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, 229) }
```

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

```
.background{ background-color: rgb(254,  
246, 229) }
```

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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