

Converting Colors

CIELCh(96, 11.772, 92.006)

Have a look what the booklet for
CIELCh(96, 11.772, 92.006) contains.

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Color

CIELCh(96, 11.690, 92.880)

Conversions

Conversions Part 1

Format	Color
Hex	FCF3DD
RGB	252, 243, 221
RGB Percent	99%, 95%, 87%
CMY	0.0118, 0.0471, 0.1334
CMYK	0.00, 0.04, 0.12, 0.01
HSL	43°, 84%, 93%
HSV	43°, 12%, 99%
XYZ	85.2378, 90.0078, 81.2802
YIQ	243.1830, 12.4260, -4.9340

Conversions

Conversions Part 2

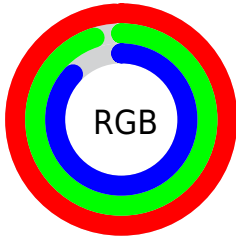
Format	Color
R_{YB}	234, 252, 221
Decimal	16577501
CIE Lab	96.00, -0.59, 11.68
CIE LCh	96, 11.690, 92.880
Yxy	90.0078, 0.3323, 0.3509
Android (android.graphics.Color)	4294767581 (0xFFFCF3DD)
YUV	243.1830, -10.9362, 7.7325
Hunter-Lab	94.8724, -5.6540, 15.6151

Details

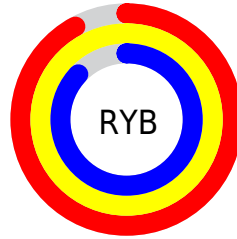
The CIELCh color **96, 11.690, 92.880** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 11.740, 276.064**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 11.667, 93.646** is the 20% darker color. If you saturate the color by 10%, you get **94, 21.373, 91.624**, and if you desaturate by 10%, it is **98, 2.160, 94.030**.

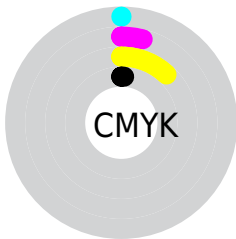
Distribution



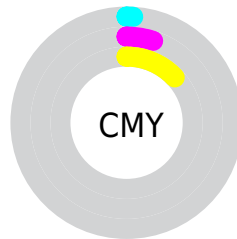
- Red (99%)
- Green (95%)
- Blue (87%)



- Red (92%)
- Yellow (99%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (1%)



- Cyan (1%)
- Magenta (5%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 11.690, 92.880 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 96, 11.690, 92.880 by changing the saturation by 10% instead.

 96, 11.690, 92.880

 96, 11.690, 92.880

 100, 11.690,
92.880

 86, 11.690, 92.880

 76, 11.690, 92.880

 66, 11.690, 92.880

 56, 11.690, 92.880

 46, 11.690, 92.880

 36, 11.690, 92.880

 26, 11.690, 92.880

 16, 11.690, 92.880

 6, 11.690, 92.880

96, 11.690, 92.880

96, 11.690, 92.880

94, 21.373, 91.624

98, 2.160, 94.030

91, 31.174, 90.311

100, 1.046,
199.972

89, 41.023, 88.959

87, 50.782, 87.567

85, 60.190, 86.124

83, 68.785, 84.597

81, 75.835, 82.913

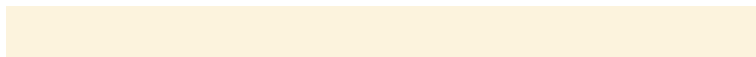
79, 80.418, 80.943

78, 82.155, 79.182

Harmonies

Complementary

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



96, 11.690, 92.880



91, 11.740, 276.064

Rectangle

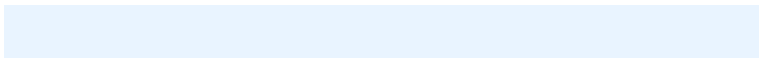
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 11.690, 92.880



96, 11.690, 142.880



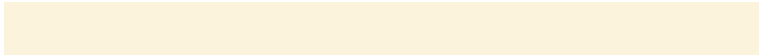
96, 11.690, 272.880



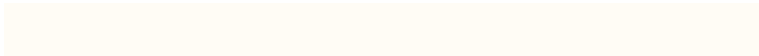
96, 11.690, 322.880

Sweetspot

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



96, 11.692, 92.892



99, 3.805, 93.873



91, 12.211, 357.120



53, 2.707, 93.792



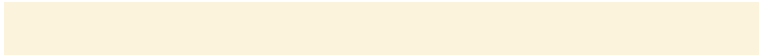
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

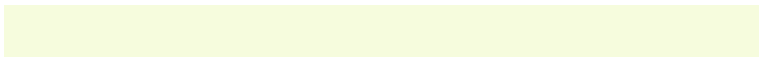
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 11.692, 92.892



96, 14.429, 92.554



98, 15.905, 117.153



51, 5.352, 93.236



60, 66.168, 79.663



19, 27.595, 82.388

Inverse Universe

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



91, 11.740, 276.064



90, 14.493, 276.460



89, 16.332, 298.898



49, 5.374, 275.673



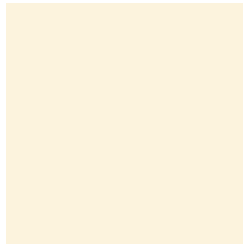
30, 83.395, 298.881



7, 32.554, 293.549

Previews

White Background



This preview shows how the CIE LCh color 96, 11.690, 92.880 looks on a white background.

Color Contrast Check

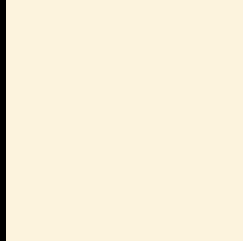
Large Text (above 18pt) WCAG AA × Fail

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 96, 11.690, 92.880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

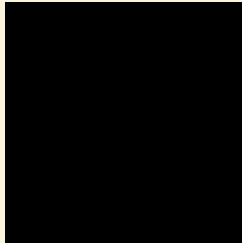
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 11.690, 92.880

Background



This preview shows how black text looks on a background with the CIELCh color 96, 11.690, 92.880.

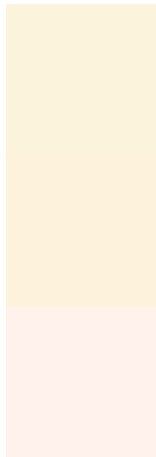


This preview shows how white text looks on a background with the CIELCh color 96, 11.690, 92.880.

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


96, 11.690, 92.880

Protanopia

96, 11.799, 91.156

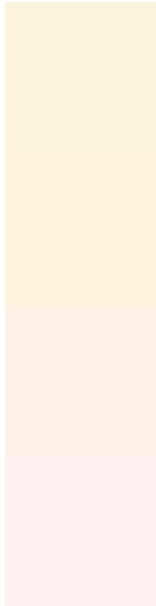
Deuteranopia

96, 5.628, 46.539



Tritanopia
96, 9.976, 324.758

Trichromacy



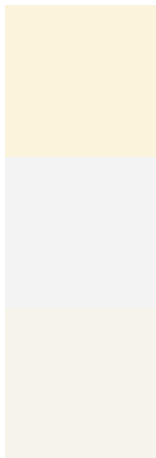
Original Color
96, 11.690, 92.880

Protanomaly
96, 11.799, 91.156

Deuteranomaly
96, 7.081, 71.878

Tritanomaly
96, 5.220, 2.563

Monochromacy



Original Color
96, 11.690, 92.880

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 4.210, 95.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 11.690, 92.880 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(252, 243, 221)` looks like.

```
.text, #text, p{  
    color:rgb(252, 243, 221)  
}
```

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(252, 243, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 243, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 11.690, 92.880 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(252, 243, 221) }
```

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

```
.border{ border-color:rgb(252, 243, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 243, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 243, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 243, 221);  
box-shadow:4px 4px 4px 4px rgb(252, 243,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 11.690, 92.880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 243, 221) }
```

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

```
.background{ background-color: rgb(252,  
243, 221) }
```

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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