

Converting Colors

CIELCh(96, 10.643, 90.994)

Have a look what the booklet for
CIELCh(96, 10.643, 90.994) contains.

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Color

CIELCh(96, 10.711, 91.466)

Conversions

Conversions Part 1

Format	Color
Hex	FCF3DF
RGB	252, 243, 223
RGB Percent	99%, 95%, 87%
CMY	0.0123, 0.0476, 0.1260
CMYK	0.00, 0.04, 0.12, 0.01
HSL	41°, 82%, 93%
HSV	41°, 12%, 99%
XYZ	85.4041, 90.0078, 82.5878
YIQ	243.4110, 11.7840, -4.3120

Conversions

Conversions Part 2

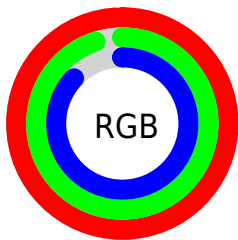
Format	Color
R _Y B	236, 252, 223
Decimal	16577503
CIE Lab	96.00, -0.27, 10.71
CIE LCh	96, 10.711, 91.466
Yxy	90.0078, 0.3310, 0.3489
Android (android.graphics.Color)	4294767583 (0xFFFCF3DF)
YUV	243.4110, -10.0626, 7.5326
Hunter-Lab	94.8724, -5.3412, 14.7979

Details

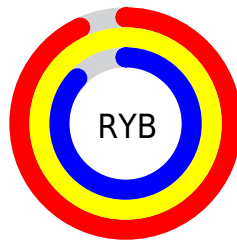
The CIELCh color **96, 10.711, 91.466** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 10.731, 274.481**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 10.634, 92.269** is the 20% darker color. If you saturate the color by 10%, you get **94, 20.211, 90.201**, and if you desaturate by 10%, it is **99, 1.385, 92.555**.

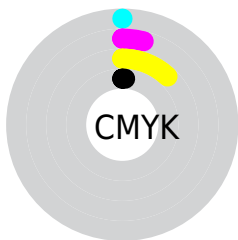
Distribution



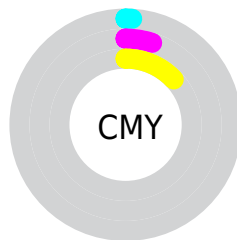
- Red (99%)
- Green (95%)
- Blue (87%)



- Red (93%)
- 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, 10.711, 91.466 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, 10.711, 91.466 by changing the saturation by 10% instead.

 96, 10.711, 91.466

 96, 10.711, 91.466

 100, 10.711,
91.466

 86, 10.711, 91.466

 76, 10.711, 91.466

 66, 10.711, 91.466

 56, 10.711, 91.466

 46, 10.711, 91.466

 36, 10.711, 91.466

 26, 10.711, 91.466

 16, 10.711, 91.466

 6, 10.711, 91.466

96, 10.711, 91.466

96, 10.711, 91.466

94, 20.211, 90.201

99, 1.385, 92.555

91, 29.858, 88.874

100, 1.091,
199.944

89, 39.592, 87.507

86, 49.292, 86.097

84, 58.720, 84.632

82, 67.447, 83.076

80, 74.766, 81.351

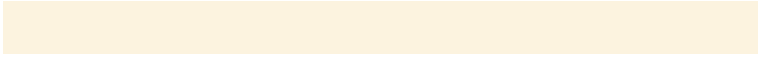
78, 79.740, 79.315

77, 81.883, 77.267

Harmonies

Complementary

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



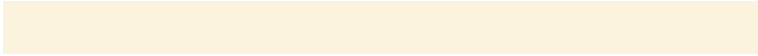
96, 10.711, 91.466



92, 10.731, 274.481

Rectangle

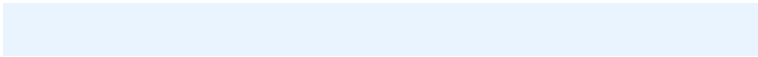
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 10.711, 91.466



96, 10.711, 141.466



96, 10.711, 271.466



96, 10.711, 321.466

Sweetspot

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



96, 10.712, 91.479



99, 2.789, 92.469



91, 11.500, 355.884



53, 2.118, 92.391



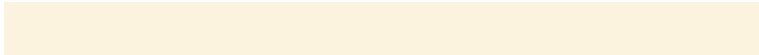
0, 0.000, 0.000



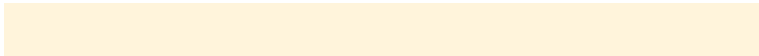
53, 0.007, 296.813

Same Dimension

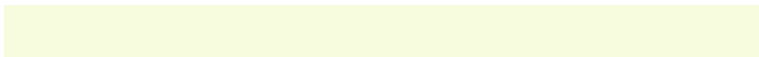
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 10.712, 91.479



96, 13.192, 91.166



98, 14.855, 116.540



51, 5.245, 91.729



59, 65.955, 77.784



19, 27.278, 80.557

Inverse Universe

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



92, 10.731, 274.481



91, 13.210, 274.844



90, 15.233, 298.219



49, 5.256, 274.199



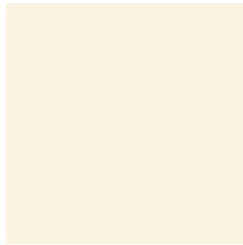
31, 80.975, 297.893



7, 31.668, 292.541

Previews

White Background



This preview shows how the CIE LCh color 96, 10.711, 91.466 looks on a white background.

Color Contrast Check

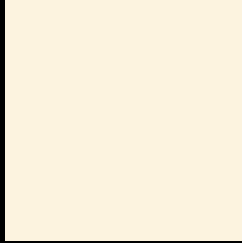
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 96, 10.711, 91.466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

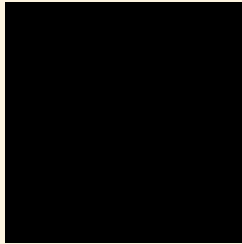
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 10.711, 91.466

Background



This preview shows how black text looks on a background with the CIELCh color 96, 10.711, 91.466.

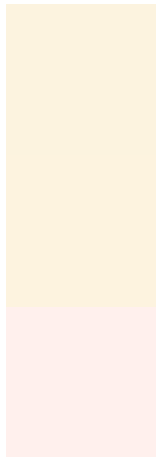


This preview shows how white text looks on a background with the CIELCh color 96, 10.711, 91.466.

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, 10.711, 91.466

Protanopia

96, 10.829, 89.608

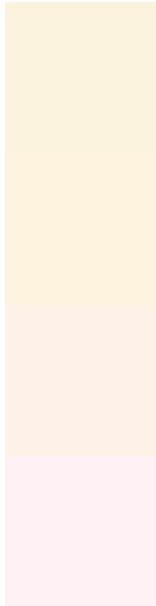
Deuteranopia

96, 5.587, 35.538



Tritanopia
96, 9.976, 324.758

Trichromacy



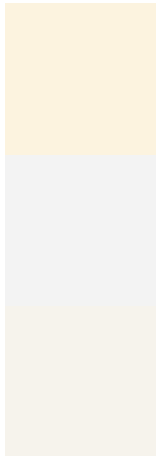
Original Color
96, 10.711, 91.466

Protanomaly
96, 10.829, 89.608

Deuteranomaly
96, 6.555, 64.002

Tritanomaly
96, 5.220, 2.563

Monochromacy



Original Color
96, 10.711, 91.466

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 3.717, 93.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 10.711, 91.466 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(252, 243, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 243, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 10.711, 91.466 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, 223) }
```

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

```
.border{ border-color:rgb(252, 243, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 243, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 243, 223);  
box-shadow:4px 4px 4px 4px rgb(252, 243,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 10.711, 91.466 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, 223) }
```

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

```
.background{ background-color: rgb(252,  
243, 223) }
```

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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