

Converting Colors

CIE LCh(96, 9.985, 105.134)

Have a look what the booklet for
CIELCh(96, 9.985, 105.134) contains.

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Color

CIELCh(96, 9.718, 105.131)

Conversions

Conversions Part 1

Format	Color
Hex	F6F4E1
RGB	246, 244, 225
RGB Percent	96%, 96%, 88%
CMY	0.0340, 0.0418, 0.1164
CMYK	0.00, 0.01, 0.09, 0.03
HSL	54°, 55%, 92%
HSV	54°, 9%, 97%
XYZ	84.2082, 90.0078, 84.4027
YIQ	242.4320, 7.2910, -5.4850

Conversions

Conversions Part 2

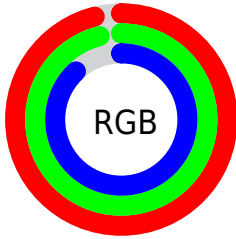
Format	Color
R _Y B	227, 246, 225
Decimal	16184545
CIE Lab	96.00, -2.54, 9.38
CIE LCh	96, 9.718, 105.131
Yxy	90.0078, 0.3256, 0.3480
Android (android.graphics.Color)	4294374625 (0xFFFF6F4E1)
YUV	242.4320, -8.5940, 3.1291
Hunter-Lab	94.8724, -7.5912, 13.6637

Details

The CIELCh color **96, 9.718, 105.131** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 9.882, 286.997**, 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, 9.670, 104.706** is the 20% darker color. If you saturate the color by 10%, you get **95, 21.126, 104.083**, and if you desaturate by 10%, it is **97, 1.690, 286.268**.

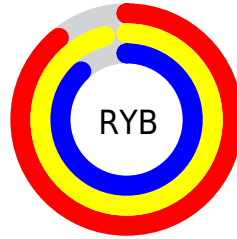
Distribution



Red (96%)

Green (96%)

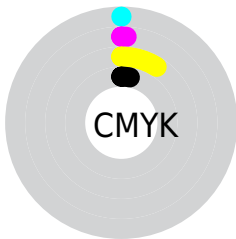
Blue (88%)



Red (89%)

Yellow (96%)

Blue (88%)

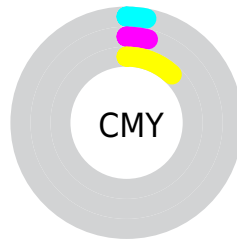


Cyan (0%)

Magenta (1%)

Yellow (9%)

Black (3%)



Cyan (3%)


Magenta (4%)

Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 9.718, 105.131 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, 9.718, 105.131 by changing the saturation by 10% instead.

 96, 9.718, 105.131

 96, 9.718, 105.131

 100, 9.718,
105.131

 86, 9.718, 105.131

 76, 9.718, 105.131

 66, 9.718, 105.131

 56, 9.718, 105.131

 46, 9.718, 105.131

 36, 9.718, 105.131

 26, 9.718, 105.131

 16, 9.718, 105.131

 6, 9.718, 105.131

96, 9.718, 105.131

96, 9.718, 105.131

95, 21.126,
104.083

97, 1.690, 286.268

94, 32.461,
103.004

98, 3.184, 273.458

93, 43.616,
101.922

98, 2.529, 246.870

92, 54.410,
100.854

99, 2.626, 214.087

91, 64.549, 99.819

90, 73.584, 98.838

90, 80.888, 97.930

89, 85.778, 97.105

88, 87.957, 96.347

Harmonies

Complementary

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



96, 9.718, 105.131



91, 9.882, 286.997

Rectangle

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



96, 9.718, 105.131



96, 9.718, 155.131



96, 9.718, 285.131



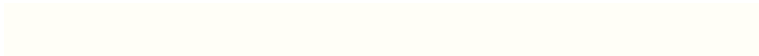
96, 9.718, 335.131

Sweetspot

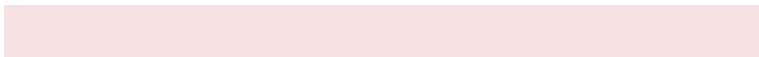
The Sweet Spot groups the original color and five complimentary colors.



96, 9.720, 105.142



100, 3.508, 105.698



91, 7.688, 11.782



53, 2.661, 105.622



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, 9.720, 105.142



99, 11.725, 104.986



96, 11.164, 125.090



51, 6.446, 105.042



68, 71.527, 96.362



22, 30.653, 97.625

Inverse Universe

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



91, 9.882, 286.997



92, 11.948, 287.173



91, 11.335, 305.925



47, 6.563, 287.110



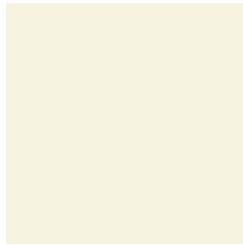
24, 101.036, 305.051



4, 37.271, 298.145

Previews

White Background



This preview shows how the CIE LCh color 96, 9.718, 105.131 looks on a white background.

Color Contrast Check

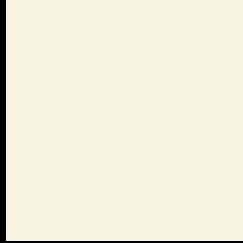
Large Text (above 18pt) WCAG AA × Fail

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, 9.718, 105.131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

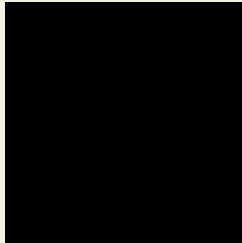
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

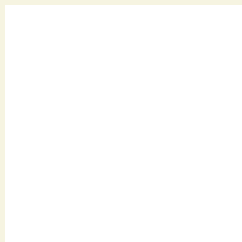
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 9.718, 105.131

Background



This preview shows how black text looks on a background with the CIELCh color 96, 9.718, 105.131.

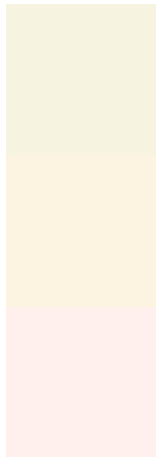


This preview shows how white text looks on a background with the CIELCh color 96, 9.718, 105.131.

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, 9.718, 105.131

Protanopia

96, 10.225, 90.652

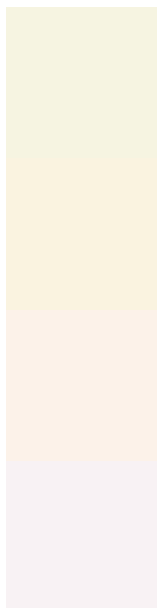
Deuteranopia

96, 5.464, 30.405



Tritanopia
96, 8.350, 312.708

Trichromacy



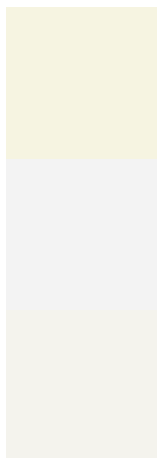
Original Color
96, 9.718, 105.131

Protanomaly
96, 10.016, 94.640

Deuteranomaly
96, 5.819, 71.540

Tritanomaly
96, 2.369, 353.682

Monochromacy



Original Color
96, 9.718, 105.131

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 3.076, 103.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 9.718, 105.131 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(246, 244, 225)` looks like.

```
.text, #text, p{  
    color:rgb(246, 244, 225)  
}
```

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(246, 244, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 244, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 9.718, 105.131 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(246, 244, 225) }
```

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

```
.border{ border-color:rgb(246, 244, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 244, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 244, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 244, 225);  
box-shadow:4px 4px 4px 4px rgb(246, 244,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 9.718, 105.131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 244, 225) }
```

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

```
.background{ background-color: rgb(246,  
244, 225) }
```

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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