

Converting Colors

CIELCh(96, 9.638, 107.218)

Have a look what the booklet for
CIELCh(96, 9.638, 107.218) contains.

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Color

CIELCh(96, 9.694, 107.277)

Conversions

Conversions Part 1

Format	Color
Hex	F6F5E2
RGB	246, 245, 226
RGB Percent	96%, 96%, 89%
CMY	0.0371, 0.0410, 0.1155
CMYK	0.00, 0.00, 0.08, 0.04
HSL	57°, 51%, 92%
HSV	57°, 8%, 96%
XYZ	84.0282, 90.0078, 84.5743
YIQ	243.1330, 6.6950, -5.6970

Conversions

Conversions Part 2

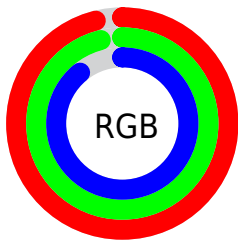
Format	Color
R _{YB}	227, 246, 226
Decimal	16184802
CIE Lab	96.00, -2.88, 9.26
CIE LCh	96, 9.694, 107.277
Yxy	90.0078, 0.3249, 0.3480
Android (android.graphics.Color)	4294374882 (0xFFFF6F5E2)
YUV	243.1330, -8.4466, 2.5144
Hunter-Lab	94.8724, -7.9298, 13.5564

Details

The CIELCh color **96, 9.694, 107.277** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 9.870, 288.991**, 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, 9.642, 106.988** is the 20% darker color. If you saturate the color by 10%, you get **95, 21.584, 106.271**, and if you desaturate by 10%, it is **97, 2.227, 288.344**.

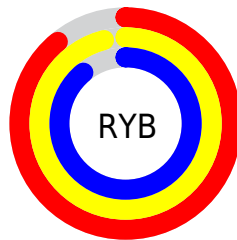
Distribution



Red (96%)

Green (96%)

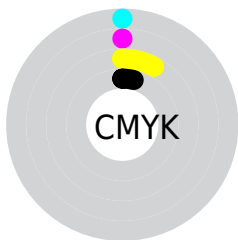
Blue (89%)



Red (89%)

Yellow (96%)

Blue (89%)

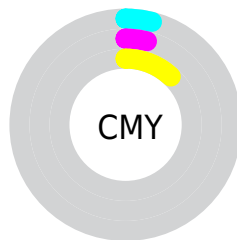


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (4%)



Cyan (4%)

Magenta (4%)

Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 9.694, 107.277 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, 9.694, 107.277 by changing the saturation by 10% instead.

 96, 9.694, 107.277

 96, 9.694, 107.277

 100, 9.694,
107.277

 86, 9.694, 107.277

 76, 9.694, 107.277

 66, 9.694, 107.277

 56, 9.694, 107.277

 46, 9.694, 107.277

 36, 9.694, 107.277

 26, 9.694, 107.277

 16, 9.694, 107.277

 6, 9.694, 107.277

96, 9.694, 107.277

96, 9.694, 107.277

95, 21.584,
106.271

97, 2.227, 288.344

94, 33.361,
105.244

97, 4.121, 283.525

94, 44.909,
104.224

98, 3.578, 275.505

93, 56.035,
103.232

98, 3.128, 264.934

98, 2.816, 251.477

93, 66.434,
102.293

99, 2.690, 235.796

99, 2.774, 219.886

92, 75.656,
101.436

99, 3.050, 205.908

99, 3.270, 199.401

92, 83.094,
100.693

91, 88.117,
100.089

 91, 90.469, 99.622

Harmonies

Complementary

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



96, 9.694, 107.277



91, 9.870, 288.991

Rectangle

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



96, 9.694, 107.277



96, 9.694, 157.277



96, 9.694, 287.277



96, 9.694, 337.277

Sweetspot

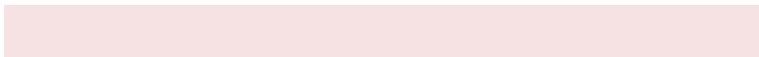
The Sweet Spot groups the original color and five complimentary colors.



96, 9.696, 107.288



100, 2.448, 107.875



91, 7.266, 15.773



53, 1.391, 107.882



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, 9.696, 107.288



99, 12.279, 107.099



96, 10.740, 126.936



51, 6.751, 107.153



71, 73.770, 99.602



23, 31.837, 100.406

Inverse Universe

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



91, 9.870, 288.991



92, 12.542, 289.206



91, 10.886, 307.677



47, 6.889, 289.144



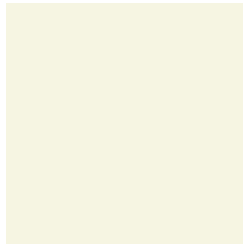
23, 103.390, 305.696



3, 38.522, 298.947

Previews

White Background



This preview shows how the CIELCh color 96, 9.694, 107.277 looks on a white background.

Color Contrast Check

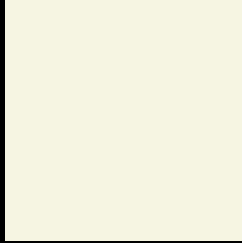
Large Text (above 18pt) WCAG AA × Fail

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, 9.694, 107.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

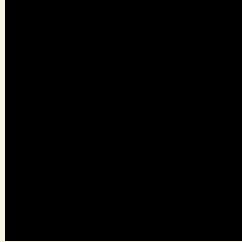
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

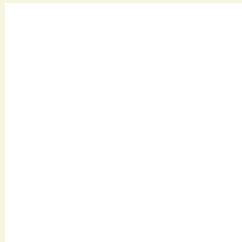
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 9.694, 107.277

Background



This preview shows how black text looks on a background with the CIELCh color 96, 9.694, 107.277.

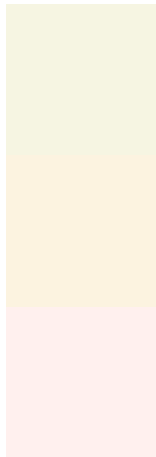


This preview shows how white text looks on a background with the CIELCh color 96, 9.694, 107.277.

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, 9.694, 107.277

Protanopia

96, 10.225, 90.652

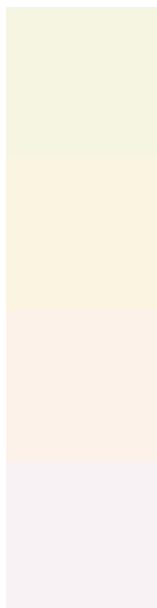
Deuteranopia

96, 5.464, 30.405



Tritanopia
96, 7.738, 311.734

Trichromacy



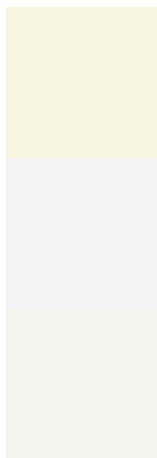
Original Color
96, 9.694, 107.277

Protanomaly
96, 9.923, 96.693

Deuteranomaly
96, 5.819, 71.540

Tritanomaly
96, 2.369, 353.682

Monochromacy



Original Color
96, 9.694, 107.277

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 3.569, 109.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 9.694, 107.277 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, 245, 226)` looks like.

```
.text, #text, p{  
    color:rgb(246, 245, 226)  
}
```

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, 245, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 245, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 9.694, 107.277 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, 245, 226) }
```

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

```
.border{ border-color:rgb(246, 245, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 245, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 245, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 245, 226);  
box-shadow:4px 4px 4px 4px rgb(246, 245,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 9.694, 107.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 245, 226) }
```

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

```
.background{ background-color: rgb(246,  
245, 226) }
```

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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