

Converting Colors

CIELCh(96, 1.116, 74.465)

Have a look what the booklet for
CIELCh(96, 1.116, 74.465) contains.

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Color

CIELCh(96, 1.229, 74.874)

Conversions

Conversions Part 1

Format	Color
Hex	F5F3F1
RGB	245, 243, 241
RGB Percent	96%, 95%, 95%
CMY	0.0385, 0.0464, 0.0542
CMYK	0.00, 0.01, 0.02, 0.04
HSL	30°, 17%, 95%
HSV	30°, 2%, 96%
XYZ	85.7203, 90.0078, 96.2079
YIQ	243.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

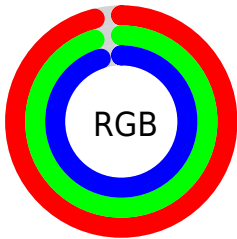
Format	Color
R_{YB}	245, 245, 241
Decimal	16118769
CIE Lab	96.00, 0.32, 1.19
CIE LCh	96, 1.229, 74.874
Yxy	90.0078, 0.3152, 0.3310
Android (android.graphics.Color)	4294308849 (0xFF5F3F1)
YUV	243.3700, -1.1684, 1.4295
Hunter-Lab	94.8724, -4.7462, 6.2861

Details

The CIELCh color **96, 1.229, 74.874** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 1.242, 256.077**, 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, 1.293, 74.895** is the 20% darker color. If you saturate the color by 10%, you get **92, 9.019, 74.057**, and if you desaturate by 10%, it is **99, 3.398, 199.385**.

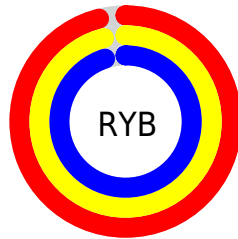
Distribution



Red (96%)

Green (95%)

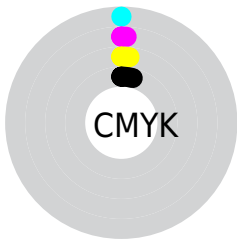
Blue (95%)



Red (96%)

Yellow (96%)

Blue (95%)

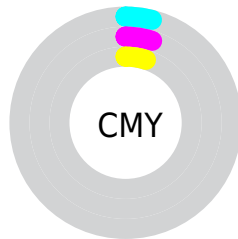


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (4%)



Cyan (4%)

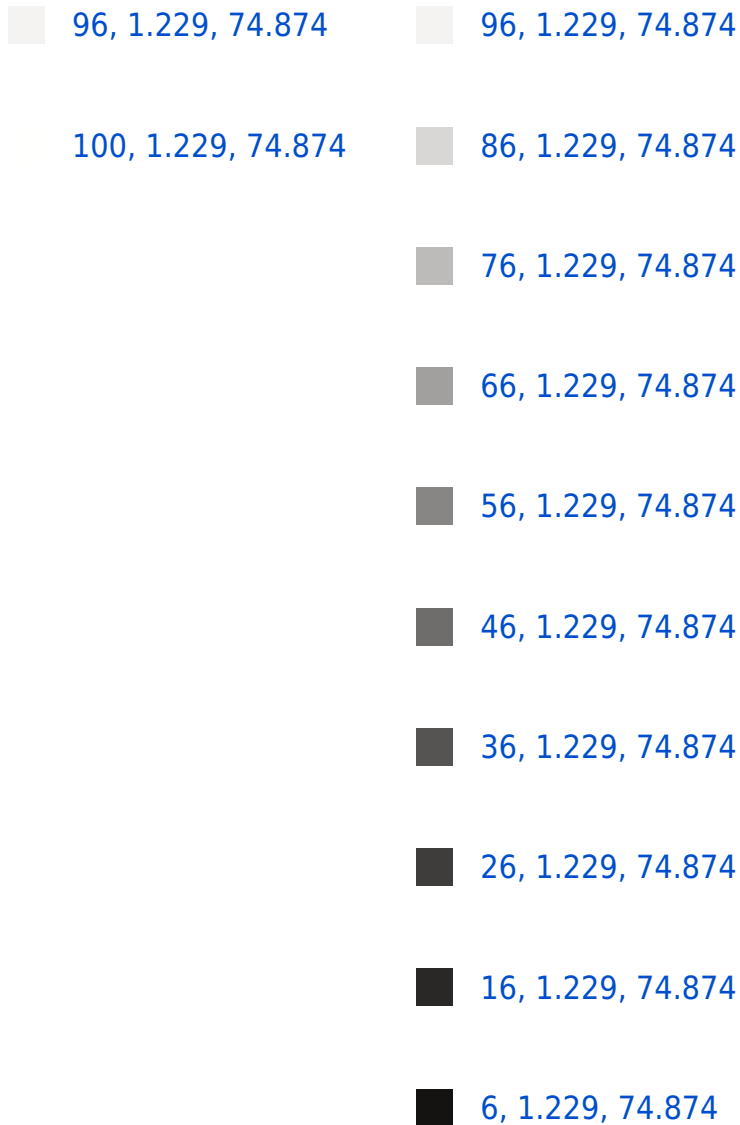
Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 1.229, 74.874 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, 1.229, 74.874 by changing the saturation by 10% instead.



96, 1.229, 74.874

96, 1.229, 74.874

92, 9.019, 74.057

99, 3.398, 199.385

89, 17.176, 72.824

85, 25.724, 71.562

82, 34.666, 70.285

79, 43.964, 68.992

75, 53.492, 67.662

72, 62.957, 66.231

69, 71.758, 64.552

67, 78.860, 62.340

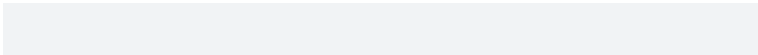
Harmonies

Complementary

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



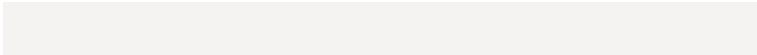
96, 1.229, 74.874



96, 1.242, 256.077

Rectangle

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



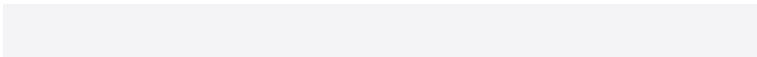
96, 1.229, 74.874



96, 1.229, 124.874



96, 1.229, 254.874



96, 1.229, 304.874

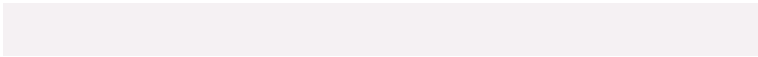
Sweetspot

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



96, 1.230, 74.990

100, 0.012, 296.813



96, 1.761, 343.516



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



96, 1.230, 74.990



99, 1.559, 75.009



96, 2.033, 109.985



51, 0.857, 75.006



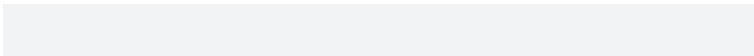
50, 67.268, 60.658



14, 24.632, 61.558

Inverse Universe

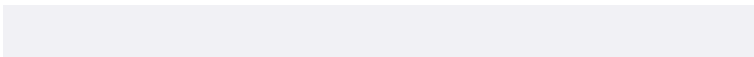
The Inverse Universe completely reimagines the original color for something new.



96, 1.242, 256.077



99, 1.569, 256.060



95, 2.063, 290.373



51, 0.863, 256.062



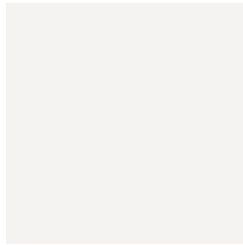
40, 57.163, 284.201



11, 22.210, 276.918

Previews

White Background



This preview shows how the CIE LCh color 96, 1.229, 74.874 looks on a white background.

Color Contrast Check

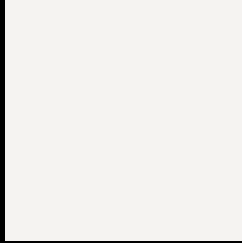
Large Text (above 18pt) WCAG AA × Fail

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, 1.229, 74.874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

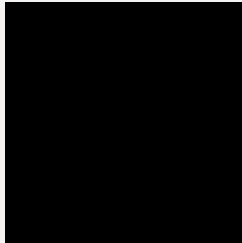
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

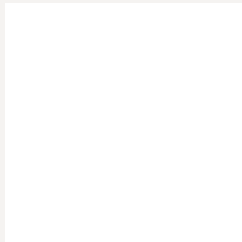
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 1.229, 74.874

Background



This preview shows how black text looks on a background with the CIELCh color 96, 1.229, 74.874.

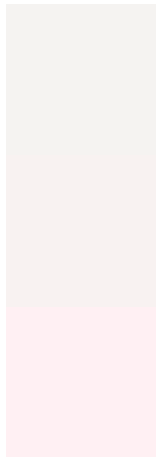


This preview shows how white text looks on a background with the CIELCh color 96, 1.229, 74.874.

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, 1.229, 74.874

Protanopia

96, 2.182, 32.792

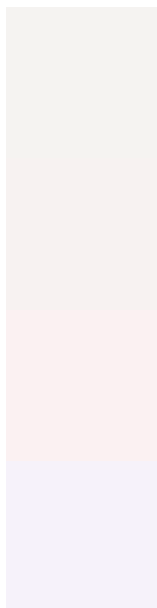
Deuteranopia

96, 5.564, 3.684



Tritanopia
96, 7.510, 306.784

Trichromacy



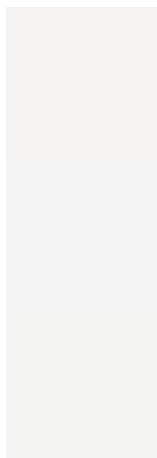
Original Color
96, 1.229, 74.874

Protanomaly
96, 1.837, 35.321

Deuteranomaly
96, 3.593, 11.294

Tritanomaly
96, 4.358, 309.177

Monochromacy



Original Color
96, 1.229, 74.874

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 0.500, 109.990

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 1.229, 74.874 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(245, 243, 241)` looks like.

```
.text, #text, p{  
    color:rgb(245, 243, 241)  
}
```

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(245, 243, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 243, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 1.229, 74.874 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(245, 243, 241) }
```

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

```
.border{ border-color:rgb(245, 243, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 243, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 243, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 243, 241);  
box-shadow:4px 4px 4px 4px rgb(245, 243,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 1.229, 74.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 243, 241) }
```

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

```
.background{ background-color: rgb(245,  
243, 241) }
```

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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