

Converting Colors

CIELCh(96, 3.878, 26.251)

Have a look what the booklet for
CIELCh(96, 3.878, 26.251) contains.

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Color

CIELCh(96, 3.949, 26.932)

Conversions

Conversions Part 1

Format	Color
Hex	FCF1F0
RGB	252, 241, 240
RGB Percent	99%, 95%, 94%
CMY	0.0112, 0.0544, 0.0583
CMYK	0.00, 0.04, 0.05, 0.01
HSL	5°, 68%, 97%
HSV	5°, 5%, 99%
XYZ	87.4351, 90.0078, 95.3050
YIQ	244.1750, 6.8770, 2.0210

Conversions

Conversions Part 2

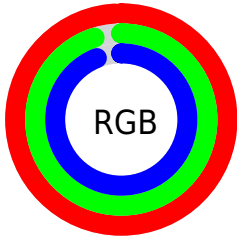
Format	Color
R _Y B	252, 241, 240
Decimal	16577008
CIE Lab	96.00, 3.52, 1.79
CIE LCh	96, 3.949, 26.932
Yxy	90.0078, 0.3206, 0.3300
Android (android.graphics.Color)	4294767088 (0xFFFCF1F0)
YUV	244.1750, -2.0583, 6.8625
Hunter-Lab	94.8724, -1.5199, 6.8503

Details

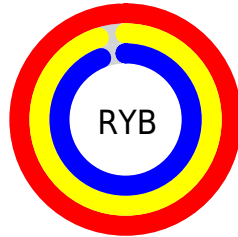
The CIELCh color **96, 3.949, 26.932** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 3.829, 207.036**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 3.785, 27.711** is the 20% darker color. If you saturate the color by 10%, you get **90, 12.758, 27.484**, and if you desaturate by 10%, it is **100, 0.996, 200.008**.

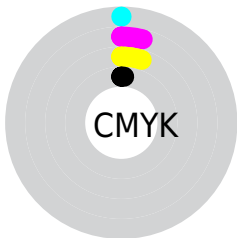
Distribution



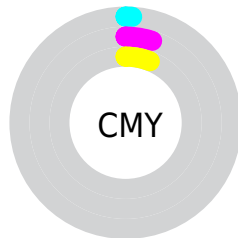
- Red (99%)
- Green (95%)
- Blue (94%)



- Red (99%)
- Yellow (95%)
- Blue (94%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (1%)



- Cyan (1%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 3.949, 26.932 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, 3.949, 26.932 by changing the saturation by 10% instead.



96, 3.949, 26.932

96, 3.949, 26.932

90, 12.758, 27.484

100, 0.996,
200.008

84, 22.311, 28.082

78, 32.625, 28.897

72, 43.667, 30.006

67, 55.325, 31.485

63, 67.373, 33.393

59, 79.409, 35.709

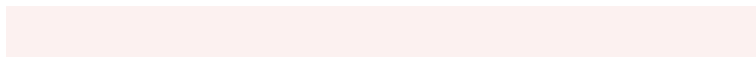
56, 90.653, 38.182

54, 99.396, 40.057

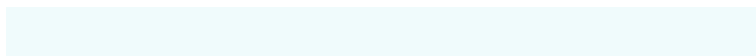
Harmonies

Complementary

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



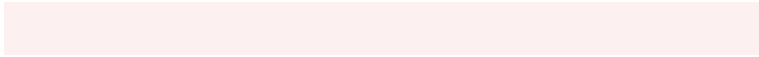
96, 3.949, 26.932



98, 3.829, 207.036

Rectangle

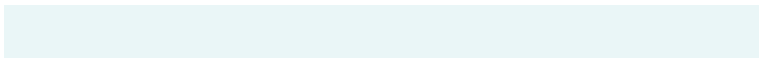
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



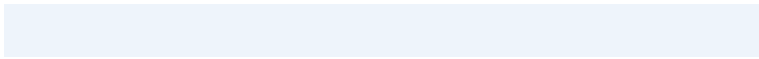
96, 3.949, 26.932



96, 3.949, 76.932



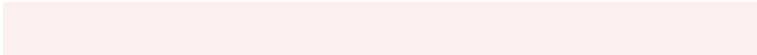
96, 3.949, 206.932



96, 3.949, 256.932

Sweetspot

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



96, 3.948, 26.967



99, 0.824, 26.208



96, 7.078, 327.000



53, 0.468, 26.165



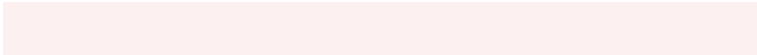
0, 0.000, 0.000



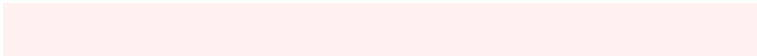
53, 0.007, 296.813

Same Dimension

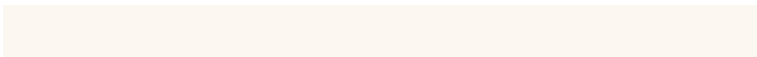
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 3.948, 26.967



96, 5.047, 27.044



97, 3.965, 83.179



50, 3.302, 27.080



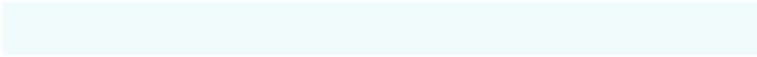
40, 82.180, 40.913



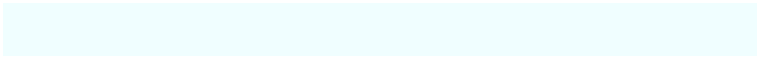
10, 30.543, 30.413

Inverse Universe

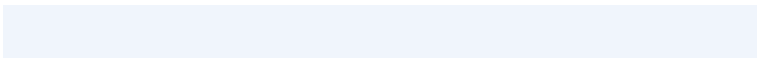
The Inverse Universe completely reimagines the original color for something new.



98, 3.829, 207.036



99, 4.856, 206.971



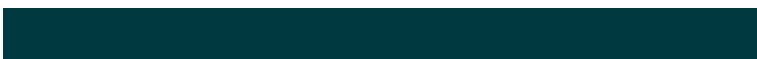
96, 3.960, 264.581



51, 3.163, 206.943



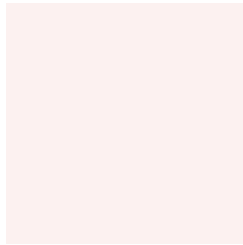
65, 36.078, 210.993



21, 16.490, 208.966

Previews

White Background



This preview shows how the CIE LCh color 96, 3.949, 26.932 looks on a white background.

Color Contrast Check

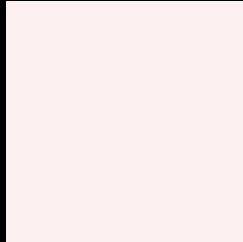
Large Text (above 18pt) WCAG AA × Fail

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, 3.949, 26.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

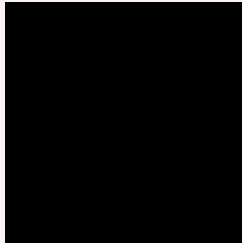
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

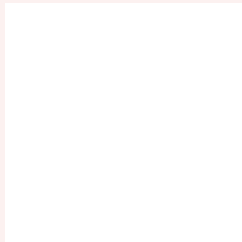
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 3.949, 26.932

Background



This preview shows how black text looks on a background with the CIELCh color 96, 3.949, 26.932.

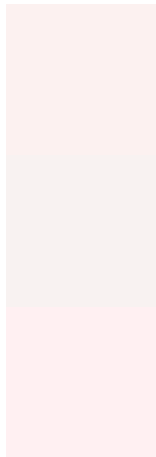


This preview shows how white text looks on a background with the CIELCh color 96, 3.949, 26.932.

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, 3.949, 26.932

Protanopia

96, 2.182, 32.792

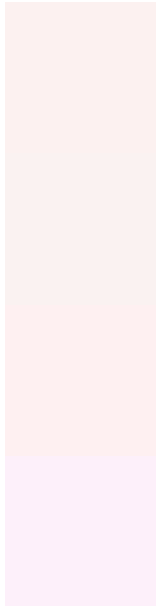
Deuteranopia

96, 5.448, 8.855



Tritanopia
96, 9.600, 321.275

Trichromacy



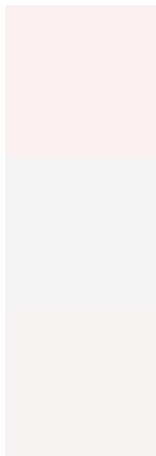
Original Color
96, 3.949, 26.932

Protanomaly
96, 2.882, 29.576

Deuteranomaly
96, 5.021, 13.781

Tritanomaly
96, 6.904, 331.901

Monochromacy



Original Color
96, 3.949, 26.932

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.414, 19.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 3.949, 26.932 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, 241, 240)` looks like.

```
.text, #text, p{  
    color:rgb(252, 241, 240)  
}
```

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, 241, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 241, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 3.949, 26.932 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, 241, 240) }
```

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

```
.border{ border-color:rgb(252, 241, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 241, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 241, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 241, 240);  
box-shadow:4px 4px 4px 4px rgb(252, 241,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 3.949, 26.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 241, 240) }
```

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

```
.background{ background-color: rgb(252,  
241, 240) }
```

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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