

Converting Colors

CIELCh(96, 0.874, 97.868)

Have a look what the booklet for
CIELCh(96, 0.874, 97.868) contains.

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Color

CIELCh(96, 0.610, 74.620)

Conversions

Conversions Part 1

Format	Color
Hex	F4F3F2
RGB	244, 243, 242
RGB Percent	96%, 95%, 95%
CMY	0.0419, 0.0458, 0.0497
CMYK	0.00, 0.00, 0.01, 0.04
HSL	30°, 9%, 95%
HSV	30°, 1%, 96%
XYZ	85.6357, 90.0078, 97.1104
YIQ	243.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

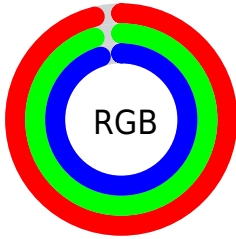
Format	Color
RYB	244, 244, 242
Decimal	16053234
CIELab	96.00, 0.16, 0.59
CIELCh	96, 0.610, 74.620
Yxy	90.0078, 0.3140, 0.3300
Android (android.graphics.Color)	4294243314 (0xFFFF4F3F2)
YUV	243.1850, -0.5842, 0.7148
Hunter-Lab	94.8724, -4.9054, 5.7221

Details

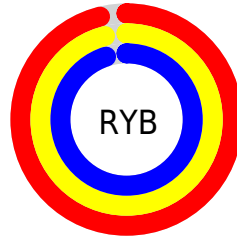
The CIELCh color **96, 0.610, 74.620** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 0.627, 256.423**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 0.642, 74.747** is the 20% darker color. If you saturate the color by 10%, you get **92, 8.355, 74.265**, and if you desaturate by 10%, it is **99, 3.691, 199.351**.

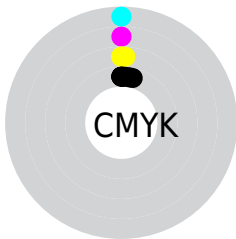
Distribution



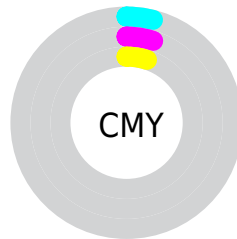
- Red (96%)
- Green (95%)
- Blue (95%)



- Red (96%)
- Yellow (96%)
- Blue (95%)



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

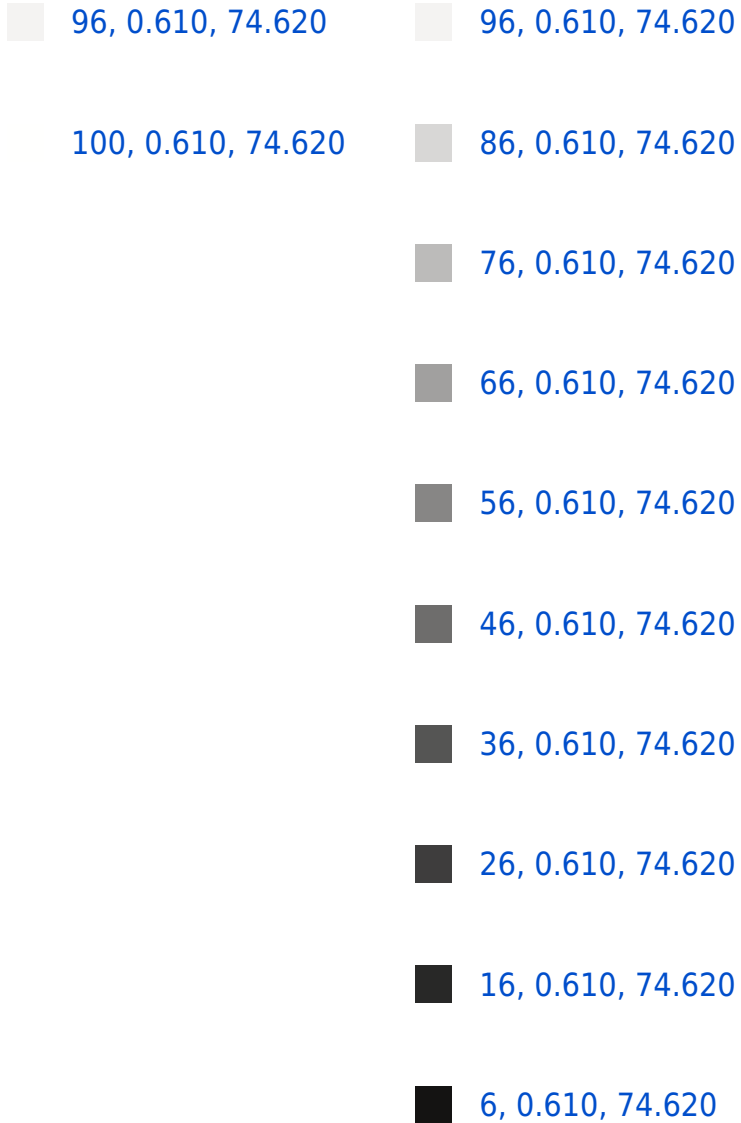


- Cyan (4%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 0.610, 74.620 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, 0.610, 74.620 by changing the saturation by 10% instead.



96, 0.610, 74.620

96, 0.610, 74.620

92, 8.355, 74.265

99, 3.691, 199.351

89, 16.461, 73.035

85, 24.955, 71.773

82, 33.842, 70.495

79, 43.086, 69.201

75, 52.572, 67.873

72, 62.026, 66.451

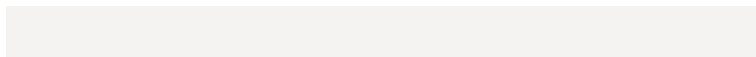
70, 70.880, 64.798

67, 78.136, 62.642

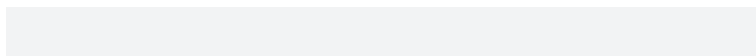
Harmonies

Complementary

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



96, 0.610, 74.620



96, 0.627, 256.423

Rectangle

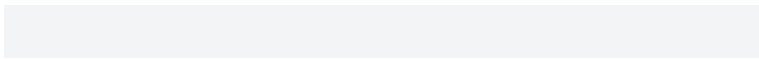
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



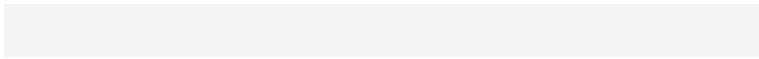
96, 0.610, 74.620



96, 0.610, 124.620



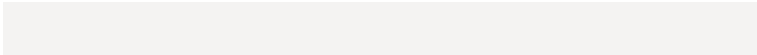
96, 0.610, 254.620



96, 0.610, 304.620

Sweetspot

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



96, 0.611, 74.851

100, 0.012, 296.813



96, 0.885, 343.185



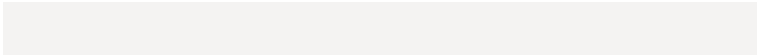
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



96, 0.611, 74.851



100, 0.774, 74.957



96, 1.012, 110.026



51, 0.425, 74.931



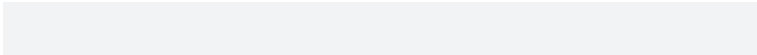
50, 67.240, 60.743



15, 24.632, 61.665

Inverse Universe

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



96, 0.627, 256.423



99, 0.790, 256.323



96, 1.036, 290.329



51, 0.435, 256.347



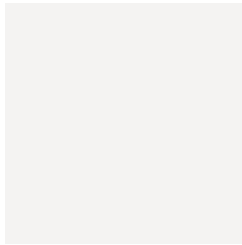
40, 57.281, 284.301



11, 22.251, 277.027

Previews

White Background



This preview shows how the CIE LCh color 96, 0.610, 74.620 looks on a white background.

Color Contrast Check

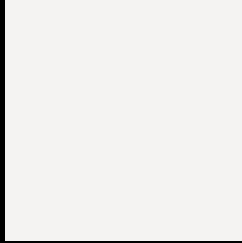
Large Text (above 18pt) WCAG AA × Fail

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, 0.610, 74.620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

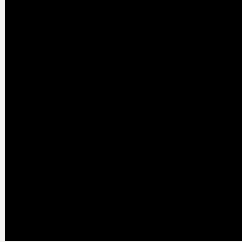
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

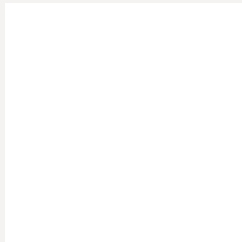
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 0.610, 74.620

Background



This preview shows how black text looks on a background with the CIELCh color 96, 0.610, 74.620.

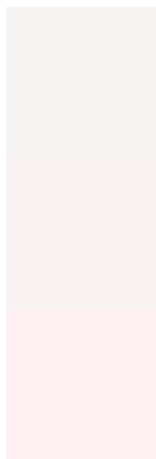


This preview shows how white text looks on a background with the CIELCh color 96, 0.610, 74.620.

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, 0.610, 74.620

Protanopia

96, 2.126, 19.247

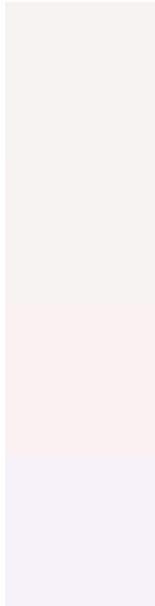
Deuteranopia

96, 5.723, 358.764



Tritanopia
96, 7.418, 304.212

Trichromacy



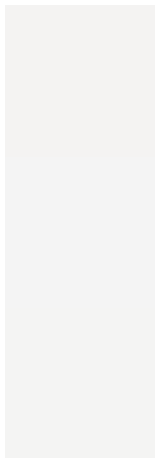
Original Color
96, 0.610, 74.620

Protanomaly
96, 1.770, 19.163

Deuteranomaly
96, 3.702, 3.450

Tritanomaly
96, 4.255, 304.730

Monochromacy



Original Color
96, 0.610, 74.620

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, 0.610, 74.620 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(244, 243, 242)` looks like.

```
.text, #text, p{  
    color:rgb(244, 243, 242)  
}
```

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(244, 243, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 243, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 0.610, 74.620 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(244, 243, 242) }
```

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

```
.border{ border-color:rgb(244, 243, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 243, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 243, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 243, 242);  
box-shadow:4px 4px 4px 4px rgb(244, 243,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 0.610, 74.620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 243, 242) }
```

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

```
.background{ background-color: rgb(244,  
243, 242) }
```

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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