

Converting Colors

CIELCh(96, 0.743, 60.184)

Have a look what the booklet for
CIELCh(96, 0.743, 60.184) contains.

CIELCh(96, 0.862, 54.943)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	19
<i>Color Blindness Simulation</i>	22
<i>CSS Examples</i>	25

Color

CIELCh(96, 0.862, 54.943)

Conversions

Conversions Part 1

Format	Color
Hex	F5F3F2
RGB	245, 243, 242
RGB Percent	96%, 95%, 95%
CMY	0.0388, 0.0466, 0.0506
CMYK	0.00, 0.01, 0.01, 0.04
HSL	20°, 13%, 96%
HSV	20°, 1%, 96%
XYZ	85.8132, 90.0078, 96.9328
YIQ	243.4840, 1.5130, 0.1130

Conversions

Conversions Part 2

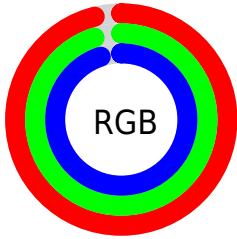
Format	Color
RYB	245, 244, 242
Decimal	16118770
CIELab	96.00, 0.50, 0.71
CIELCh	96, 0.862, 54.943
Yxy	90.0078, 0.3146, 0.3300
Android (android.graphics.Color)	4294308850 (0xFFFF5F3F2)
YUV	243.4840, -0.7316, 1.3295
Hunter-Lab	94.8724, -4.5715, 5.8331

Details

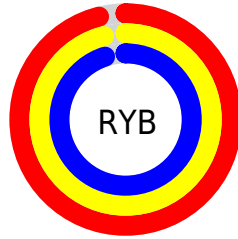
The CIELCh color **96, 0.862, 54.943** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 0.868, 236.622**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 0.907, 55.059** is the 20% darker color. If you saturate the color by 10%, you get **91, 8.230, 54.911**, and if you desaturate by 10%, it is **99, 3.422, 199.382**.

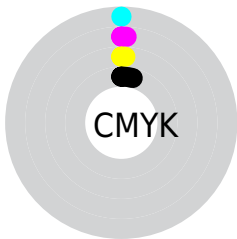
Distribution



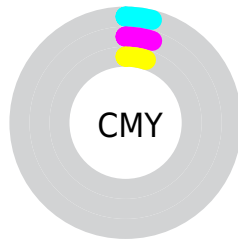
- Red (96%)
- Green (95%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 0.862, 54.943 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, 0.862, 54.943 by changing the saturation by 10% instead.



96, 0.862, 54.943

96, 0.862, 54.943

91, 8.230, 54.911

99, 3.422, 199.382

87, 16.141, 54.192

82, 24.648, 53.512

78, 33.787, 52.906

74, 43.563, 52.391

70, 53.908, 51.961

66, 64.609, 51.568

63, 75.151, 51.059

60, 84.436, 50.069

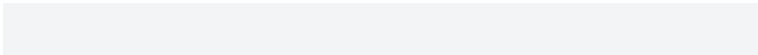
Harmonies

Complementary

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



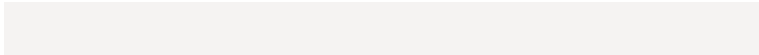
96, 0.862, 54.943



96, 0.868, 236.622

Rectangle

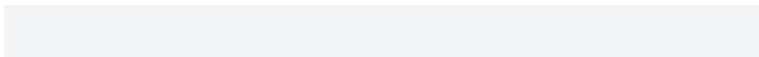
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



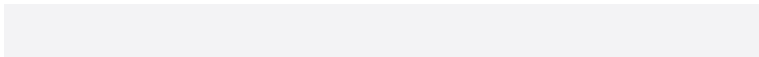
96, 0.862, 54.943



96, 0.862, 104.943



96, 0.862, 234.943



96, 0.862, 284.943

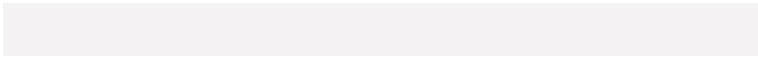
Sweetspot

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



96, 0.862, 55.117

100, 0.012, 296.813



96, 1.490, 335.479



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, 0.862, 55.117



100, 0.725, 54.987



96, 1.277, 102.074



51, 0.399, 54.946



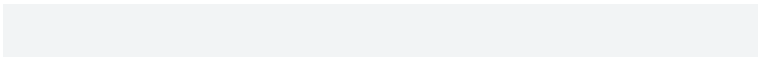
44, 73.253, 49.185



12, 25.663, 45.604

Inverse Universe

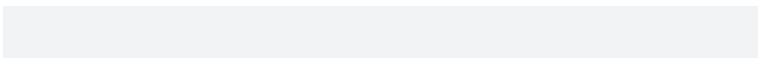
The Inverse Universe completely reimagines the original color for something new.



96, 0.868, 236.622



100, 0.733, 236.747



96, 1.301, 282.593



51, 0.403, 236.787



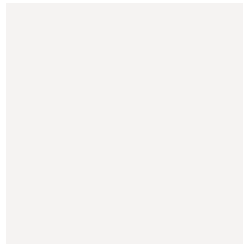
49, 41.018, 262.339



14, 16.940, 254.350

Previews

White Background



This preview shows how the CIELCh color 96, 0.862, 54.943 looks on a white background.

Color Contrast Check

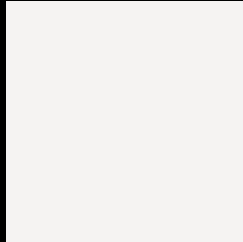
Large Text (above 18pt) WCAG AA × Fail

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, 0.862, 54.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

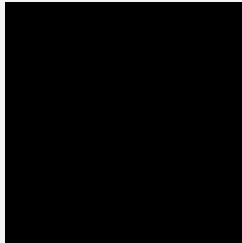
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

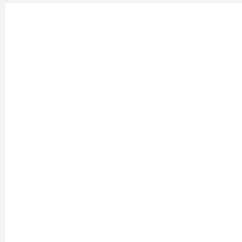
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 0.862, 54.943

Background



This preview shows how black text looks on a background with the CIELCh color 96, 0.862, 54.943.

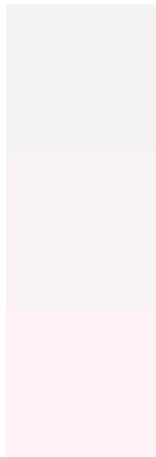


This preview shows how white text looks on a background with the CIELCh color 96, 0.862, 54.943.

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, 0.862, 54.943

Protanopia

96, 2.126, 19.247

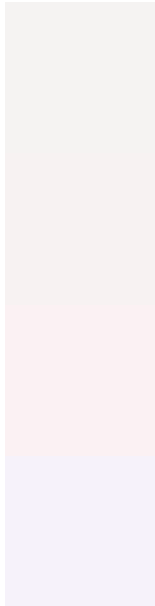
Deuteranopia

96, 5.723, 358.764



Tritanopia
96, 7.510, 306.784

Trichromacy



Original Color

96, 0.862, 54.943

Protanomaly

96, 1.770, 19.163

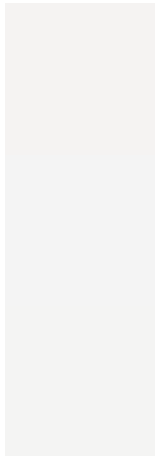
Deuteranomaly

96, 3.702, 3.450

Tritanomaly

96, 4.358, 309.177

Monochromacy



Original Color

96, 0.862, 54.943

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, 0.862, 54.943 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 243, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 243, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 0.862, 54.943 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, 242) }
```

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

```
.border{ border-color:rgb(245, 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(245, 243, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 243, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 243, 242);  
box-shadow:4px 4px 4px 4px rgb(245, 243,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 0.862, 54.943 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, 242) }
```

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

```
.background{ background-color: rgb(245,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor