

Converting Colors

CIELCh(96, 2.909, 96.258)

Have a look what the booklet for
CIELCh(96, 2.909, 96.258) contains.

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Color

CIELCh(96, 2.638, 94.312)

Conversions

Conversions Part 1

Format	Color
Hex	F5F3EE
RGB	245, 243, 238
RGB Percent	96%, 95%, 93%
CMY	0.0377, 0.0455, 0.0652
CMYK	0.00, 0.01, 0.03, 0.04
HSL	43°, 27%, 95%
HSV	43°, 3%, 96%
XYZ	85.4443, 90.0078, 94.0524
YIQ	243.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

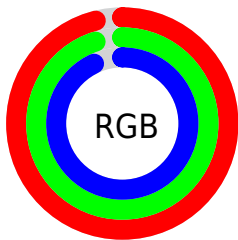
Format	Color
R _Y B	241, 245, 238
Decimal	16118766
CIE Lab	96.00, -0.20, 2.63
CIE LCh	96, 2.638, 94.312
Yxy	90.0078, 0.3170, 0.3340
Android (android.graphics.Color)	4294308846 (0xFF5F3EE)
YUV	243.0280, -2.4788, 1.7294
Hunter-Lab	94.8724, -5.2655, 7.6332

Details

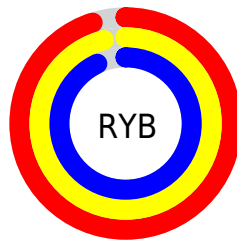
The CIELCh color **96, 2.638, 94.312** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95, 2.662, 275.229**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 2.773, 94.237** is the 20% darker color. If you saturate the color by 10%, you get **94, 12.023, 93.199**, and if you desaturate by 10%, it is **98, 2.904, 253.844**.

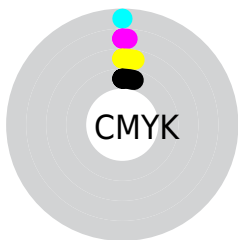
Distribution



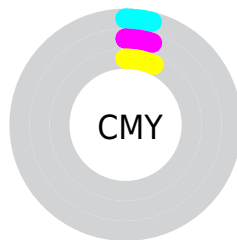
- Red (96%)
- Green (95%)
- Blue (93%)



- Red (95%)
- Yellow (96%)
- Blue (93%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 2.638, 94.312 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, 2.638, 94.312 by changing the saturation by 10% instead.



96, 2.638, 94.312

96, 2.638, 94.312

94, 12.023, 93.199

98, 2.904, 253.844

91, 21.548, 91.935

99, 3.325, 199.394

89, 31.180, 90.626

87, 40.847, 89.279

85, 50.405, 87.893

83, 59.591, 86.457

81, 67.940, 84.938

79, 74.723, 83.264

77, 79.048, 81.308

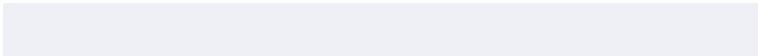
Harmonies

Complementary

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



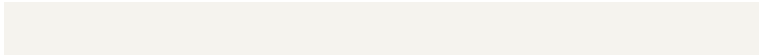
96, 2.638, 94.312



95, 2.662, 275.229

Rectangle

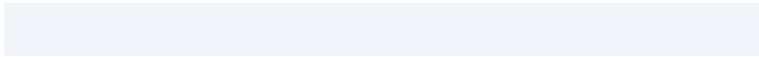
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



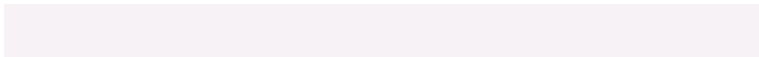
96, 2.638, 94.312



96, 2.638, 144.312



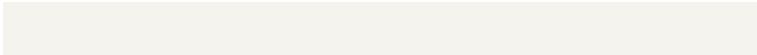
96, 2.638, 274.312



96, 2.638, 324.312

Sweetspot

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



96, 2.640, 94.357



100, 0.946, 94.407



95, 2.721, 356.019



53, 0.537, 94.399



0, 0.000, 0.000



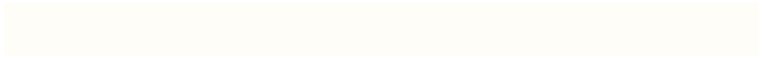
53, 0.007, 296.813

Same Dimension

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



96, 2.640, 94.357



99, 2.864, 94.344



96, 3.607, 117.805



51, 2.102, 94.267



59, 65.571, 80.162



18, 26.508, 82.930

Inverse Universe

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



95, 2.662, 275.229



98, 2.887, 275.244



95, 3.650, 298.185



50, 2.116, 275.324



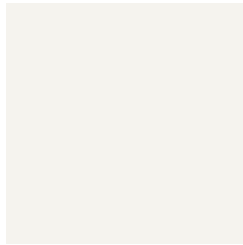
30, 83.075, 299.089



6, 31.395, 293.073

Previews

White Background



This preview shows how the CIE LCh color 96, 2.638, 94.312 looks on a white background.

Color Contrast Check

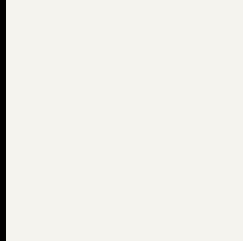
Large Text (above 18pt) WCAG AA × Fail

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, 2.638, 94.312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

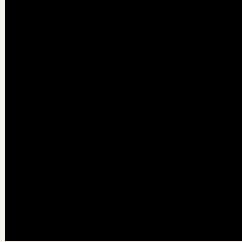
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

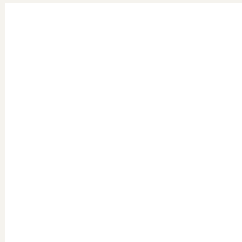
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 2.638, 94.312

Background



This preview shows how black text looks on a background with the CIELCh color 96, 2.638, 94.312.

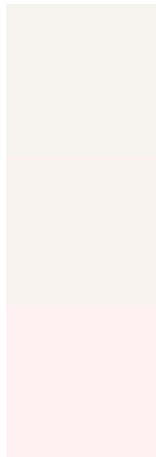


This preview shows how white text looks on a background with the CIELCh color 96, 2.638, 94.312.

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, 2.638, 94.312

Protanopia

96, 3.208, 58.877

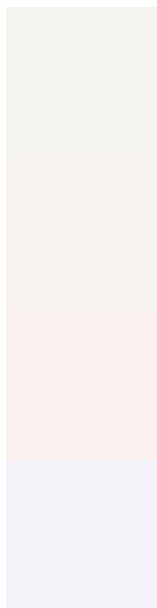
Deuteranopia

96, 5.448, 8.855



Tritanopia
96, 7.510, 306.784

Trichromacy



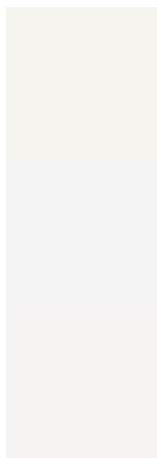
Original Color
96, 2.638, 94.312

Protanomaly
96, 3.094, 74.789

Deuteranomaly
96, 3.915, 19.504

Tritanomaly
96, 3.877, 311.599

Monochromacy



Original Color
96, 2.638, 94.312

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.069, 90.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 2.638, 94.312 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(245, 243, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 243, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 2.638, 94.312 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, 238) }
```

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

```
.border{ border-color:rgb(245, 243, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 243, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 243, 238);  
box-shadow:4px 4px 4px 4px rgb(245, 243,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 2.638, 94.312 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, 238) }
```

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

```
.background{ background-color: rgb(245,  
243, 238) }
```

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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