

Converting Colors

CIELCh(96, 0.884, 343.183)

Have a look what the booklet for
CIELCh(96, 0.884, 343.183) contains.

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Color

CIELCh(96, 0.884, 343.183)

Conversions

Conversions Part 1

Format	Color
Hex	F5F3F4
RGB	245, 243, 244
RGB Percent	96%, 95%, 96%
CMY	0.0394, 0.0472, 0.0433
CMYK	0.00, 0.01, 0.00, 0.04
HSL	330°, 9%, 96%
HSV	330°, 1%, 96%
XYZ	86.0004, 90.0078, 98.3931
YIQ	243.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

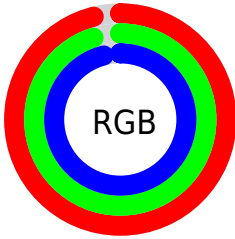
Format	Color
RYB	245, 243, 244
Decimal	16118772
CIELab	96.00, 0.85, -0.26
CIELCh	96, 0.884, 343.183
Yxy	90.0078, 0.3134, 0.3280
Android (android.graphics.Color)	4294308852 (0xFFFF5F3F4)
YUV	243.7120, 0.1420, 1.1296
Hunter-Lab	94.8724, -4.2193, 4.9205

Details

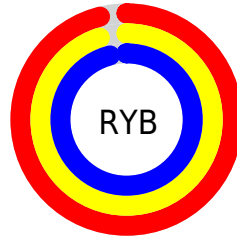
The CIELCh color $96, 0.884, 343.183$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $96, 0.865, 164.184$, and the grayscale version is $96, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $76, 0.926, 343.317$ is the 20% darker color. If you saturate the color by 10%, you get $90, 11.763, 344.583$, and if you desaturate by 10%, it is $99, 3.472, 199.376$.

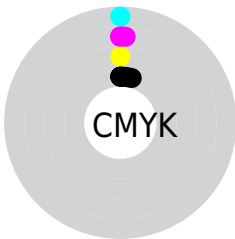
Distribution



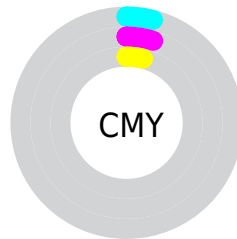
- Red (96%)
- Green (95%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 0.884, 343.183 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, 0.884, 343.183 by changing the saturation by 10% instead.

96, 0.884, 343.183

96, 0.884, 343.183

100, 0.884,
343.183

86, 0.884, 343.183

76, 0.884, 343.183

66, 0.884, 343.183

56, 0.884, 343.183

46, 0.884, 343.183

36, 0.884, 343.183

26, 0.884, 343.183

16, 0.884, 343.183

6, 0.884, 343.183

96, 0.884, 343.183

96, 0.884, 343.183

90, 11.763,
344.583

99, 3.472, 199.376

84, 22.873,
345.548

78, 34.051,
346.619

72, 45.038,
347.842

67, 55.450,
349.273

62, 64.779,
350.992

58, 72.443,
353.111

56, 77.923,
355.778

■ 54, 80.983,
359.162

Harmonies

Complementary

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



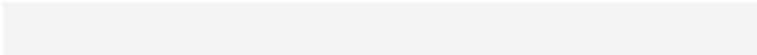
96, 0.884, 343.183



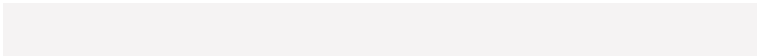
96, 0.865, 164.184

Rectangle

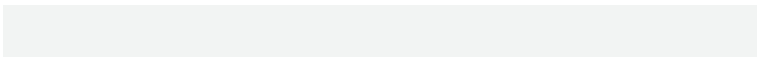
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



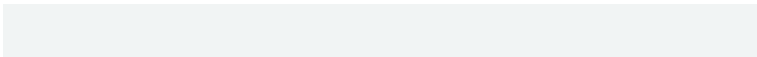
96, 0.884, 343.183



96, 0.884, 33.183



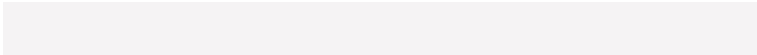
96, 0.884, 163.183



96, 0.884, 213.183

Sweetspot

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



96, 0.882, 343.235

100, 0.012, 296.813



96, 1.096, 308.979



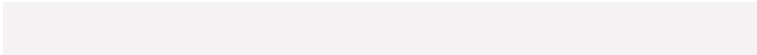
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

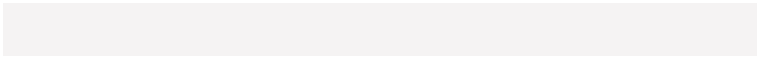
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 0.882, 343.235



99, 1.116, 343.350



96, 0.706, 18.547



51, 0.614, 343.321



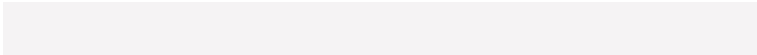
40, 66.886, 2.119



9, 30.247, 355.978

Inverse Universe

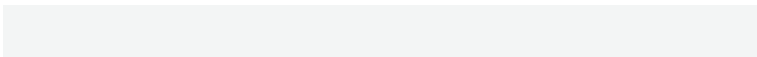
The Inverse Universe completely reimagines the original color for something new.



96, 0.882, 343.235



99, 1.116, 343.350



96, 0.699, 200.279



51, 0.614, 343.321



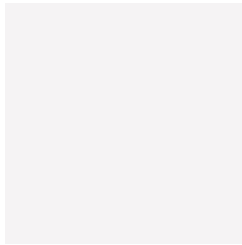
40, 66.886, 2.119



9, 30.247, 355.978

Previews

White Background



This preview shows how the CIELCh color 96, 0.884, 343.183 looks on a white background.

Color Contrast Check

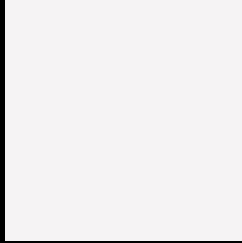
Large Text (above 18pt) WCAG AA × Fail

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, 0.884, 343.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

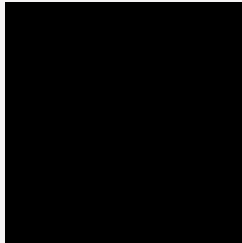
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

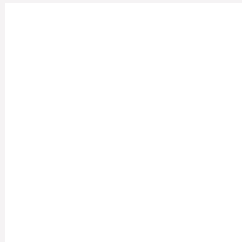
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 0.884, 343.183

Background



This preview shows how black text looks on a background with the CIELCh color 96, 0.884, 343.183.

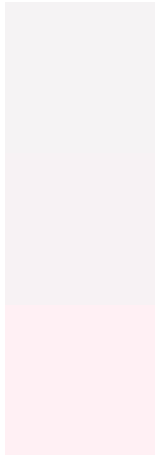


This preview shows how white text looks on a background with the CIELCh color 96, 0.884, 343.183.

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, 0.884, 343.183

Protanopia

96, 2.056, 349.342

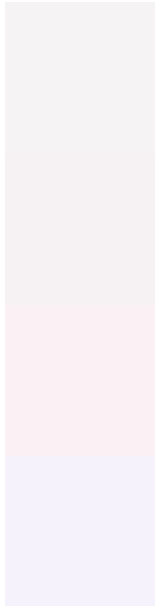
Deuteranopia

96, 5.723, 358.764



Tritanopia
96, 7.418, 304.212

Trichromacy



Original Color

96, 0.884, 343.183

Protanomaly

96, 1.760, 343.515

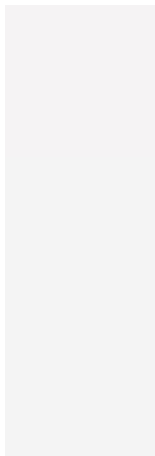
Deuteranomaly

96, 3.876, 356.184

Tritanomaly

96, 4.846, 307.247

Monochromacy



Original Color

96, 0.884, 343.183

Achromatopsia

96, 0.011, 296.813

Achromatomaly

96, 0.011, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 0.884, 343.183 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(245, 243, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 243, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 0.884, 343.183 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, 244) }
```

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

```
.border{ border-color:rgb(245, 243, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 243, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 243, 244);  
box-shadow:4px 4px 4px 4px rgb(245, 243,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 0.884, 343.183 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, 244) }
```

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

```
.background{ background-color: rgb(245,  
243, 244) }
```

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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