

Converting Colors

CIELCh(96, 3.626, 341.281)

Have a look what the booklet for
CIELCh(96, 3.626, 341.281) contains.

CIELCh(96, 3.837, 337.609)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(96, 3.837, 337.609)

Conversions

Conversions Part 1

Format	Color
Hex	F9F1F6
RGB	249, 241, 246
RGB Percent	98%, 95%, 96%
CMY	0.0221, 0.0535, 0.0339
CMYK	0.00, 0.03, 0.01, 0.02
HSL	323°, 42%, 96%
HSV	323°, 3%, 98%
XYZ	87.4497, 90.0078, 100.2454
YIQ	243.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

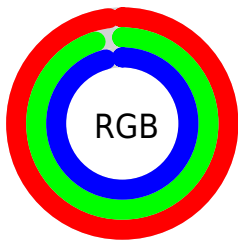
Format	Color
R_{YB}	249, 241, 246
Decimal	16380406
CIE _{Lab}	96.00, 3.55, -1.46
CIE _{LCh}	96, 3.837, 337.609
Yxy	90.0078, 0.3149, 0.3241
Android (android.graphics.Color)	4294570486 (0xFF9F1F6)
YUV	243.9620, 1.0047, 4.4183
Hunter-Lab	94.8724, -1.4925, 3.7629

Details

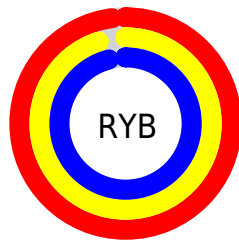
The CIELCh color $96, 3.837, 337.609$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $97, 3.810, 157.373$, and the grayscale version is $96, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $76, 4.027, 337.697$ is the 20% darker color. If you saturate the color by 10%, you get $90, 15.923, 338.464$, and if you desaturate by 10%, it is $100, 1.955, 199.620$.

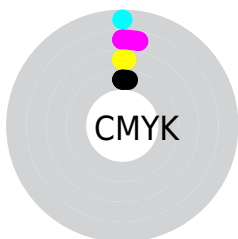
Distribution



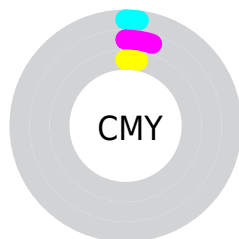
- Red (98%)
- Green (95%)
- Blue (96%)



- Red (98%)
- Yellow (95%)
- Blue (96%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 3.837, 337.609 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, 3.837, 337.609 by changing the saturation by 10% instead.



96, 3.837, 337.609

96, 3.837, 337.609

90, 15.923,
338.464

100, 1.955,
199.620

84, 28.146,
339.301

78, 40.290,
340.208

72, 52.027,
341.211

67, 62.902,
342.342

63, 72.338,
343.652

59, 79.708,
345.212

57, 84.493,
347.120

■ 55, 86.501,
349.493

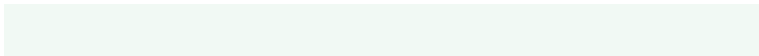
Harmonies

Complementary

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



96, 3.837, 337.609



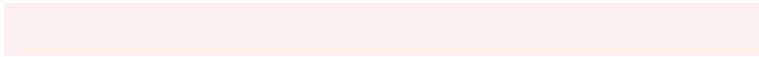
97, 3.810, 157.373

Rectangle

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



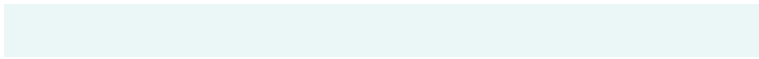
96, 3.837, 337.609



96, 3.837, 27.609



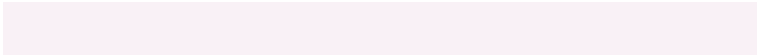
96, 3.837, 157.609



96, 3.837, 207.609

Sweetspot

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



96, 3.834, 337.617



99, 1.220, 337.212



96, 4.250, 304.427



53, 0.694, 337.190



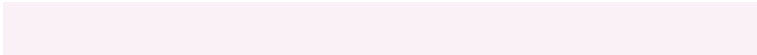
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

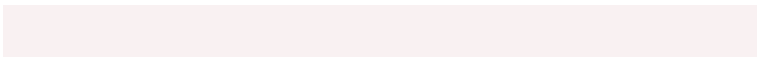
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 3.834, 337.617



97, 4.872, 337.698



96, 2.894, 8.519



51, 3.407, 337.767



41, 70.489, 350.841



10, 32.728, 347.033

Inverse Universe

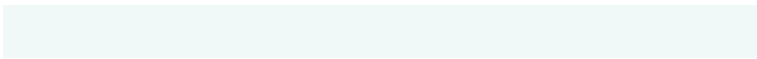
The Inverse Universe completely reimagines the original color for something new.



96, 3.834, 337.617



97, 4.872, 337.698



97, 2.845, 188.416



51, 3.407, 337.767



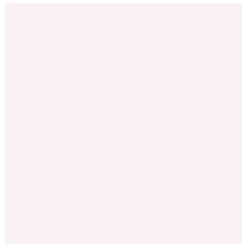
41, 70.489, 350.841



10, 32.728, 347.033

Previews

White Background



This preview shows how the CIELCh color 96, 3.837, 337.609 looks on a white background.

Color Contrast Check

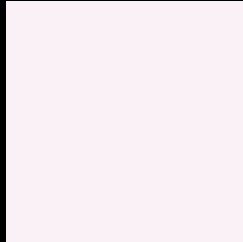
Large Text (above 18pt) WCAG AA × Fail

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, 3.837, 337.609 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

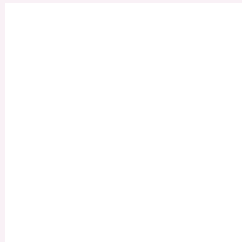
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 3.837, 337.609

Background



This preview shows how black text looks on a background with the CIELCh color 96, 3.837, 337.609.

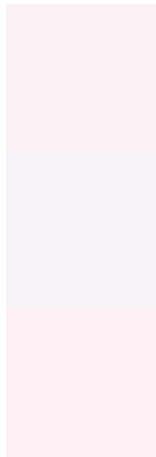


This preview shows how white text looks on a background with the CIELCh color 96, 3.837, 337.609.

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, 3.837, 337.609

Protanopia

96, 3.132, 324.457

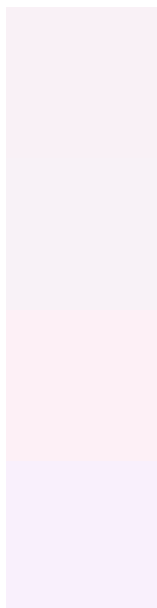
Deuteranopia

96, 6.160, 349.859



Tritanopia
96, 8.350, 312.708

Trichromacy



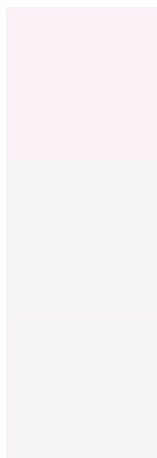
Original Color
96, 3.837, 337.609

Protanomaly
96, 3.345, 329.433

Deuteranomaly
96, 5.556, 346.126

Tritanomaly
96, 6.952, 317.465

Monochromacy



Original Color
96, 3.837, 337.609

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.488, 335.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 3.837, 337.609 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(249, 241, 246)` looks like.

```
.text, #text, p{  
    color:rgb(249, 241, 246)  
}
```

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(249, 241, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 241, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 3.837, 337.609 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(249, 241, 246) }
```

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

```
.border{ border-color:rgb(249, 241, 246) }
```

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

Here you see how a box with a 4 pixel rgb(249, 241, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 241, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 241, 246);  
box-shadow:4px 4px 4px 4px rgb(249, 241,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 3.837, 337.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 241, 246) }
```

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

```
.background{ background-color: rgb(249,  
241, 246) }
```

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