

Converting Colors

CIELCh(96, 4.174, 348.935)

Have a look what the booklet for
CIELCh(96, 4.174, 348.935) contains.

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Color

CIELCh(96, 4.108, 349.643)

Conversions

Conversions Part 1

Format	Color
Hex	FBF1F5
RGB	251, 241, 245
RGB Percent	98%, 95%, 96%
CMY	0.0157, 0.0549, 0.0392
CMYK	0.00, 0.04, 0.02, 0.02
HSL	336°, 56%, 96%
HSV	336°, 4%, 98%
XYZ	87.7161, 90.0078, 99.1320
YIQ	244.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

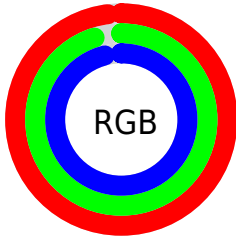
Format	Color
R _Y B	251, 241, 245
Decimal	16511477
CIE Lab	96.00, 4.04, -0.74
CIE LCh	96, 4.108, 349.643
Yxy	90.0078, 0.3168, 0.3251
Android (android.graphics.Color)	4294701557 (0xFFFBF1F5)
YUV	244.4460, 0.2731, 5.7479
Hunter-Lab	94.8724, -0.9912, 4.4587

Details

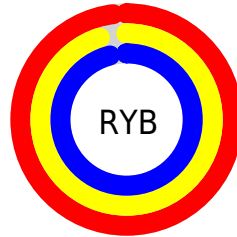
The CIELCh color **96, 4.108, 349.643** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98, 4.062, 169.207**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 3.995, 347.049** is the 20% darker color. If you saturate the color by 10%, you get **90, 14.637, 350.713**, and if you desaturate by 10%, it is **100, 1.390, 199.794**.

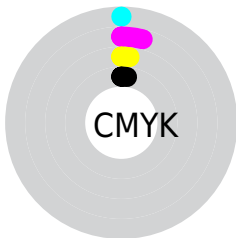
Distribution



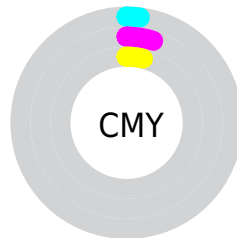
- Red (98%)
- Green (95%)
- Blue (96%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 4.108, 349.643 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, 4.108, 349.643 by changing the saturation by 10% instead.

 96, 4.108, 349.643

 96, 4.108, 349.643

 100, 4.108,
349.643

 86, 4.108, 349.643

 76, 4.108, 349.643

 66, 4.108, 349.643

 56, 4.108, 349.643

 46, 4.108, 349.643

 36, 4.108, 349.643

 26, 4.108, 349.643

 16, 4.108, 349.643

 6, 4.108, 349.643

96, 4.108, 349.643

96, 4.108, 349.643

90, 14.637,
350.713

100, 1.390,
199.794

83, 25.434,
351.825

77, 36.332,
353.100

72, 47.057,
354.604

66, 57.213,
356.422

62, 66.289,
358.674

58, 73.737, 1.520

56, 79.158, 5.142

■ 54, 82.545, 9.693

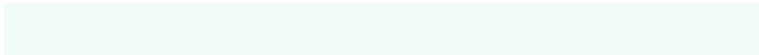
Harmonies

Complementary

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



96, 4.108, 349.643



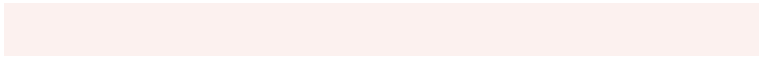
98, 4.062, 169.207

Rectangle

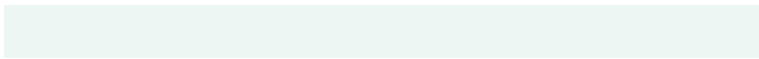
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



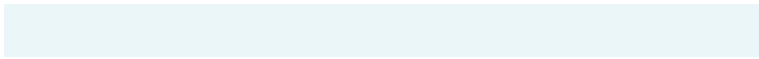
96, 4.108, 349.643



96, 4.108, 39.643



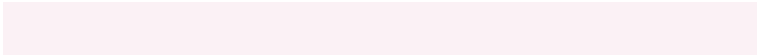
96, 4.108, 169.643



96, 4.108, 219.643

Sweetspot

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



96, 4.106, 349.658



99, 1.044, 349.011



96, 5.570, 312.617



53, 0.594, 348.981



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

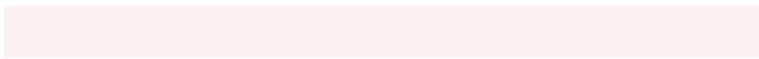
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 4.106, 349.658



97, 5.228, 349.778



96, 3.234, 28.497



50, 3.512, 349.854



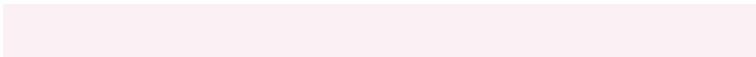
40, 67.643, 11.781



10, 30.485, 4.431

Inverse Universe

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



96, 4.106, 349.658



97, 5.228, 349.778



98, 3.153, 208.736



50, 3.512, 349.854



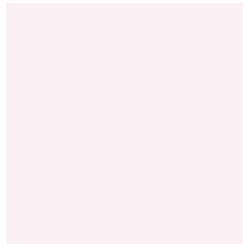
40, 67.643, 11.781



10, 30.485, 4.431

Previews

White Background



This preview shows how the CIELCh color 96, 4.108, 349.643 looks on a white background.

Color Contrast Check

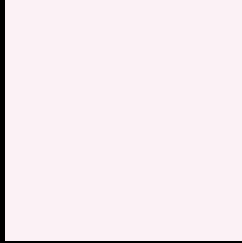
Large Text (above 18pt) WCAG AA × Fail

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, 4.108, 349.643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

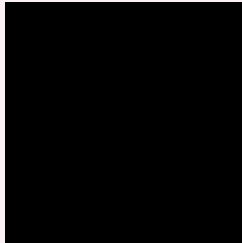
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

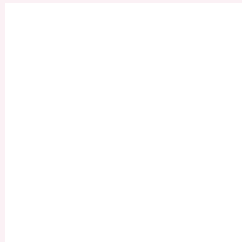
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 4.108, 349.643

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.108, 349.643.

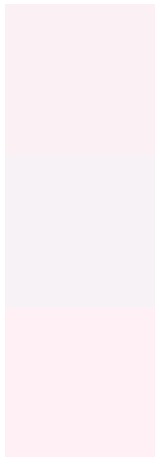


This preview shows how white text looks on a background with the CIELCh color 96, 4.108, 349.643.

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, 4.108, 349.643

Protanopia

96, 2.725, 330.522

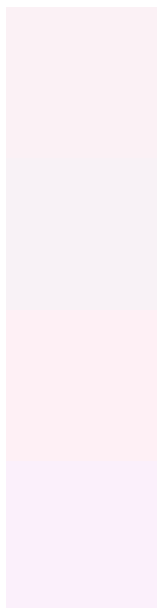
Deuteranopia

96, 5.924, 354.146



Tritanopia
96, 8.640, 317.002

Trichromacy



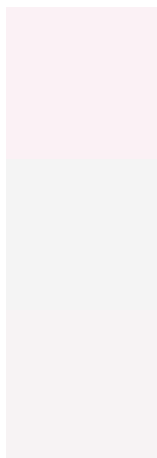
Original Color
96, 4.108, 349.643

Protanomaly
96, 2.967, 335.697

Deuteranomaly
96, 5.605, 352.534

Tritanomaly
96, 6.872, 324.639

Monochromacy



Original Color
96, 4.108, 349.643

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.511, 359.284

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 4.108, 349.643 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(251, 241, 245)` looks like.

```
.text, #text, p{  
    color:rgb(251, 241, 245)  
}
```

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(251, 241, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 241, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.108, 349.643 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(251, 241, 245) }
```

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

```
.border{ border-color:rgb(251, 241, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 241, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 241, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 241, 245);  
box-shadow:4px 4px 4px 4px rgb(251, 241,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.108, 349.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 241, 245) }
```

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

```
.background{ background-color: rgb(251,  
241, 245) }
```

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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