

Converting Colors

CIELCh(96, 3.623, 296.232)

Have a look what the booklet for
CIELCh(96, 3.623, 296.232) contains.

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Color

CIELCh(96, 3.617, 295.997)

Conversions

Conversions Part 1

Format	Color
Hex	F4F3FA
RGB	244, 243, 250
RGB Percent	96%, 95%, 98%
CMY	0.0442, 0.0481, 0.0207
CMYK	0.02, 0.03, 0.00, 0.02
HSL	249°, 40%, 97%
HSV	249°, 3%, 98%
XYZ	86.3953, 90.0078, 103.0368
YIQ	244.0970, -1.6510, 2.3890

Conversions

Conversions Part 2

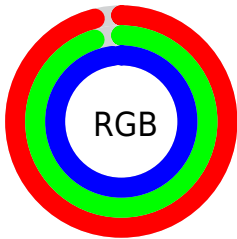
Format	Color
R_{YB}	244, 243, 250
Decimal	16053242
CIE _{Lab}	96.00, 1.59, -3.25
CIE _{LCh}	96, 3.617, 295.997
Yxy	90.0078, 0.3092, 0.3221
Android (android.graphics.Color)	4294243322 (0xFFFF4F3FA)
YUV	244.0970, 2.9102, -0.0851
Hunter-Lab	94.8724, -3.4762, 2.0184

Details

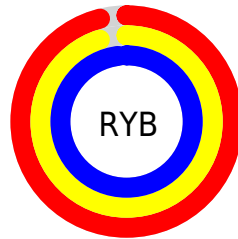
The CIELCh color `96, 3.617, 295.997` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 3.572, 115.549`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `76, 3.797, 296.055` is the 20% darker color. If you saturate the color by 10%, you get `88, 16.811, 296.816`, and if you desaturate by 10%, it is `100, 2.663, 109.950`.

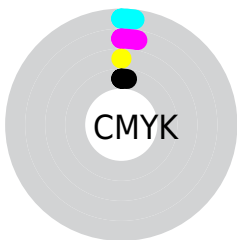
Distribution



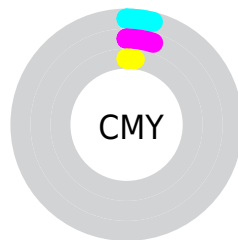
- Red (96%)
- Green (95%)
- Blue (98%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 3.617, 295.997 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, 3.617, 295.997 by changing the saturation by 10% instead.

96, 3.617, 295.997

96, 3.617, 295.997

100, 3.617,
295.997

86, 3.617, 295.997

76, 3.617, 295.997

66, 3.617, 295.997

56, 3.617, 295.997

46, 3.617, 295.997

36, 3.617, 295.997

26, 3.617, 295.997

16, 3.617, 295.997

6, 3.617, 295.997

96, 3.617, 295.997

96, 3.617, 295.997

88, 16.811,
296.816

100, 2.663,
109.950

80, 30.545,
297.795

73, 44.836,
298.925

65, 59.666,
300.213

57, 74.926,
301.643

50, 90.307,
303.159

43, 105.096,
304.636

38, 117.949,
305.863

■ 34,126.987,
306.571

Harmonies

Complementary

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



96, 3.617, 295.997



98, 3.572, 115.549

Rectangle

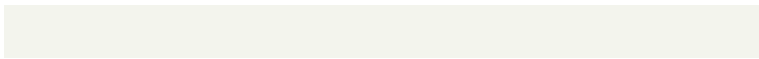
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 3.617, 295.997



96, 3.617, 345.997



96, 3.617, 115.997



96, 3.617, 165.997

Sweetspot

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



96, 3.615, 295.978



99, 1.316, 295.846



97, 2.156, 212.341



53, 0.748, 295.843



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

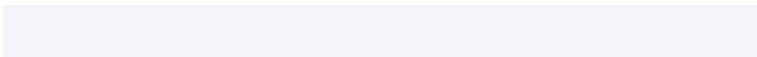
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 3.615, 295.978



98, 3.939, 295.994



96, 3.930, 313.653



51, 2.940, 296.055



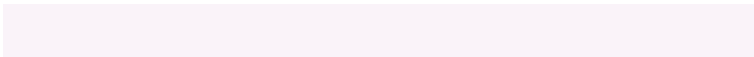
23, 105.781, 306.833



4, 42.419, 303.808

Inverse Universe

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



96, 3.961, 328.676



98, 4.316, 328.693



98, 3.899, 133.520



51, 3.219, 328.758



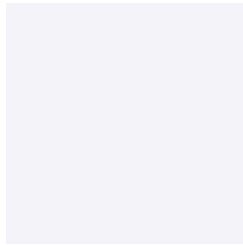
43, 82.428, 334.860



11, 37.817, 333.908

Previews

White Background



This preview shows how the CIELCh color 96, 3.617, 295.997 looks on a white background.

Color Contrast Check

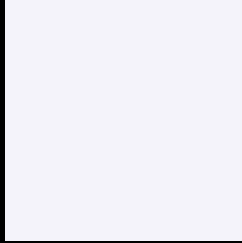
Large Text (above 18pt) WCAG AA × Fail

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, 3.617, 295.997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

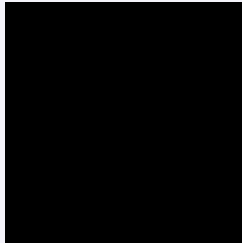
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

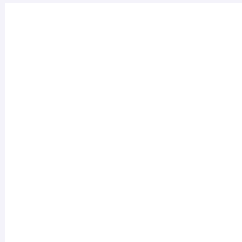
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 3.617, 295.997

Background



This preview shows how black text looks on a background with the CIELCh color 96, 3.617, 295.997.

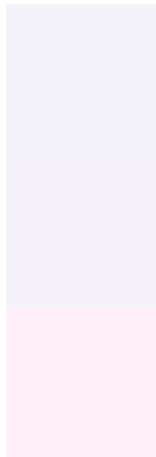


This preview shows how white text looks on a background with the CIELCh color 96, 3.617, 295.997.

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, 3.617, 295.997

Protanopia

96, 3.877, 311.599

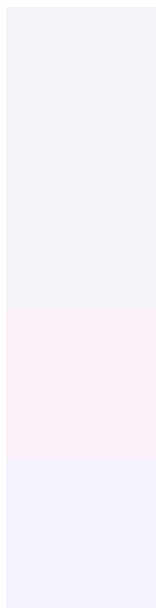
Deuteranopia

96, 7.326, 340.860



Tritanopia
96, 6.768, 299.507

Trichromacy



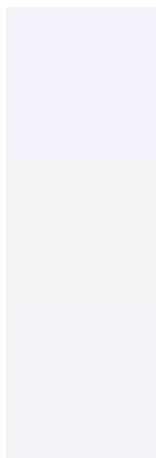
Original Color
96, 3.617, 295.997

Protanomaly
96, 3.761, 306.638

Deuteranomaly
96, 6.056, 330.111

Tritanomaly
96, 5.757, 301.029

Monochromacy



Original Color
96, 3.617, 295.997

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.034, 290.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 3.617, 295.997 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(244, 243, 250)` looks like.

```
.text, #text, p{  
    color:rgb(244, 243, 250)  
}
```

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(244, 243, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 243, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 3.617, 295.997 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(244, 243, 250) }
```

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

```
.border{ border-color:rgb(244, 243, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 243, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 243, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 243, 250);  
box-shadow:4px 4px 4px 4px rgb(244, 243,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 3.617, 295.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 243, 250) }
```

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

```
.background{ background-color: rgb(244,  
243, 250) }
```

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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