

Converting Colors

CIE LCh(96, 4.127, 295.341)

Have a look what the booklet for
CIELCh(96, 4.127, 295.341) contains.

CIELCh(96, 4.127, 295.341)	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, 4.127, 295.341)

Conversions

Conversions Part 1

Format	Color
Hex	F4F3FB
RGB	244, 243, 251
RGB Percent	96%, 95%, 98%
CMY	0.0445, 0.0484, 0.0171
CMYK	0.03, 0.03, 0.00, 0.02
HSL	247°, 48%, 97%
HSV	247°, 3%, 98%
XYZ	86.4922, 90.0078, 103.7925
YIQ	244.2110, -1.9720, 2.7000

Conversions

Conversions Part 2

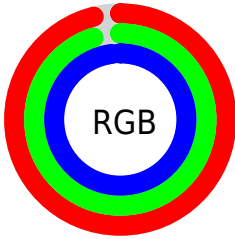
Format	Color
R_{YB}	244, 243, 251
Decimal	16053243
CIE _{Lab}	96.00, 1.77, -3.73
CIE _{LCh}	96, 4.127, 295.341
Yxy	90.0078, 0.3086, 0.3211
Android (android.graphics.Color)	4294243323 (0xFFFF4F3FB)
YUV	244.2110, 3.3470, -0.1850
Hunter-Lab	94.8724, -3.2939, 1.5462

Details

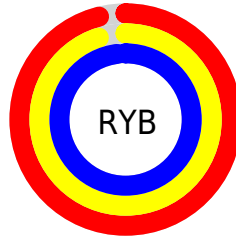
The CIELCh color **96, 4.127, 295.341** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98, 4.075, 114.816**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 4.333, 295.409** is the 20% darker color. If you saturate the color by 10%, you get **88, 17.367, 296.196**, and if you desaturate by 10%, it is **100, 2.194, 109.979**.

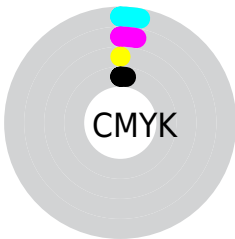
Distribution



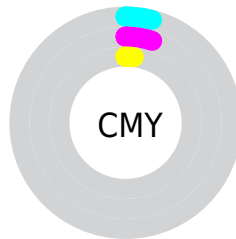
- Red (96%)
- Green (95%)
- Blue (98%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 4.127, 295.341 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, 4.127, 295.341 by changing the saturation by 10% instead.

 96, 4.127, 295.341

 96, 4.127, 295.341

100, 4.127,
295.341

 86, 4.127, 295.341

 76, 4.127, 295.341

 66, 4.127, 295.341

 56, 4.127, 295.341

 46, 4.127, 295.341

 36, 4.127, 295.341

 26, 4.127, 295.341

 16, 4.127, 295.341

 6, 4.127, 295.341

96, 4.127, 295.341

96, 4.127, 295.341

88, 17.367,
296.196

100, 2.194,
109.979

80, 31.154,
297.216

72, 45.507,
298.397

65, 60.412,
299.747

57, 75.760,
301.249

50, 91.236,
302.845

43, 106.099,
304.403

38, 118.945,
305.697

■ 34, 127.832,
306.452

Harmonies

Complementary

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



96, 4.127, 295.341



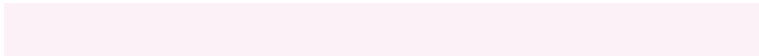
98, 4.075, 114.816

Rectangle

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



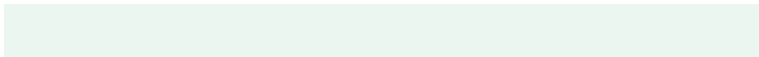
96, 4.127, 295.341



96, 4.127, 345.341



96, 4.127, 115.341



96, 4.127, 165.341

Sweetspot

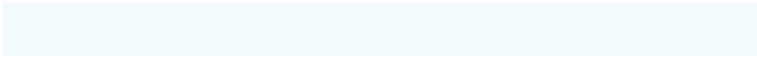
The Sweet Spot groups the original color and five complimentary colors.



96, 4.125, 295.324



99, 1.314, 295.161



98, 2.492, 210.529



53, 0.747, 295.158



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, 4.125, 295.324



97, 5.252, 295.390



96, 4.471, 313.128



50, 3.675, 295.450



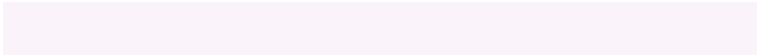
23, 105.949, 306.731



4, 42.374, 303.456

Inverse Universe

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



97, 4.582, 328.143



97, 5.829, 328.207



98, 4.436, 132.947



51, 4.076, 328.260



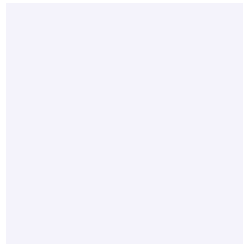
44, 83.575, 333.915



11, 38.279, 333.111

Previews

White Background



This preview shows how the CIE LCh color 96, 4.127, 295.341 looks on a white background.

Color Contrast Check

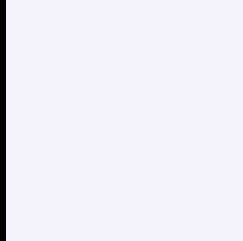
Large Text (above 18pt) WCAG AA × Fail

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, 4.127, 295.341 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

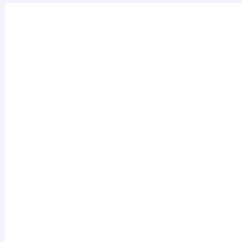
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 4.127, 295.341

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.127, 295.341.

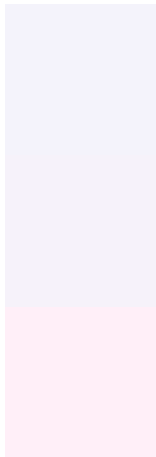


This preview shows how white text looks on a background with the CIELCh color 96, 4.127, 295.341.

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, 4.127, 295.341

Protanopia

96, 4.358, 309.177

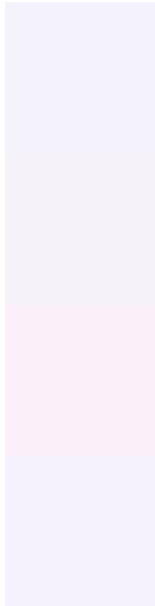
Deuteranopia

96, 7.326, 340.860



Tritanopia
96, 6.768, 299.507

Trichromacy



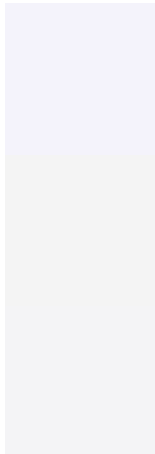
Original Color
96, 4.127, 295.341

Protanomaly
96, 4.255, 304.730

Deuteranomaly
96, 6.056, 330.111

Tritanomaly
96, 5.757, 301.029

Monochromacy



Original Color
96, 4.127, 295.341

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, 4.127, 295.341 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(244, 243, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 243, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.127, 295.341 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, 251) }
```

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

```
.border{ border-color:rgb(244, 243, 251) }
```

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, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 243, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 243, 251);  
box-shadow:4px 4px 4px 4px rgb(244, 243,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.127, 295.341 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, 251) }
```

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

```
.background{ background-color: rgb(244,  
243, 251) }
```

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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