

Converting Colors

CIELCh(96, 4.842, 307.246)

Have a look what the booklet for
CIELCh(96, 4.842, 307.246) contains.

CIELCh(96, 4.846, 307.247)	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, 4.846, 307.247)

Conversions

Conversions Part 1

Format	Color
Hex	F6F2FB
RGB	246, 242, 251
RGB Percent	96%, 95%, 98%
CMY	0.0355, 0.0512, 0.0159
CMYK	0.02, 0.04, 0.00, 0.02
HSL	267°, 53%, 97%
HSV	267°, 4%, 98%
XYZ	87.1185, 90.0078, 103.9946
YIQ	244.2220, -0.5050, 3.6470

Conversions

Conversions Part 2

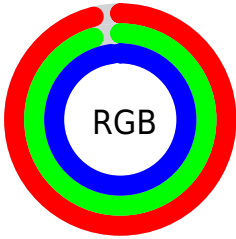
Format	Color
R _{YB}	246, 242, 251
Decimal	16184059
CIE Lab	96.00, 2.93, -3.86
CIE LCh	96, 4.846, 307.247
Yxy	90.0078, 0.3099, 0.3202
Android (android.graphics.Color)	4294374139 (0xFF6F2FB)
YUV	244.2220, 3.3416, 1.5593
Hunter-Lab	94.8724, -2.1156, 1.4198

Details

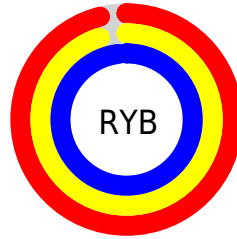
The CIELCh color `96, 4.846, 307.247` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 4.797, 126.955`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `76, 5.087, 307.298` is the 20% darker color. If you saturate the color by 10%, you get `89, 18.618, 307.757`, and if you desaturate by 10%, it is `100, 2.050, 109.987`.

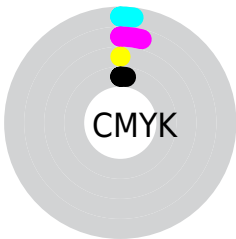
Distribution



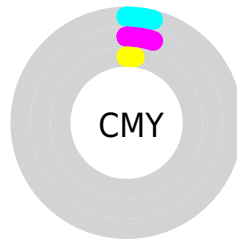
- Red (96%)
- Green (95%)
- Blue (98%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 4.846, 307.247 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, 4.846, 307.247 by changing the saturation by 10% instead.

 96, 4.846, 307.247

 96, 4.846, 307.247

 100, 4.846,
307.247

 86, 4.846, 307.247

 76, 4.846, 307.247

 66, 4.846, 307.247

 56, 4.846, 307.247

 46, 4.846, 307.247

 36, 4.846, 307.247

 26, 4.846, 307.247

 16, 4.846, 307.247

 6, 4.846, 307.247

96, 4.846, 307.247

96, 4.846, 307.247

89, 18.618,
307.757

100, 2.050,
109.987

82, 32.808,
308.313

74, 47.350,
308.910

67, 62.111,
309.533

61, 76.831,
310.147

54, 91.051,
310.693

49, 104.028,
311.083

44, 114.728,
311.193

■ 40,122.050,
310.887

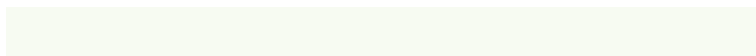
Harmonies

Complementary

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



96, 4.846, 307.247



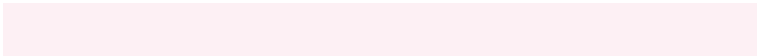
98, 4.797, 126.955

Rectangle

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



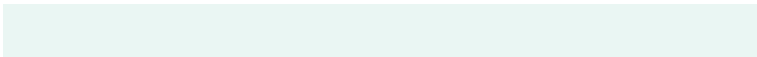
96, 4.846, 307.247



96, 4.846, 357.247



96, 4.846, 127.247



96, 4.846, 177.247

Sweetspot

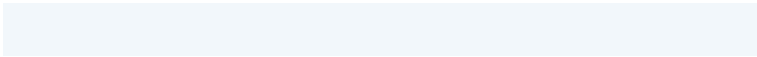
The Sweet Spot groups the original color and five complimentary colors.



96, 4.844, 307.238



99, 1.371, 307.055



97, 2.649, 248.468



53, 0.780, 307.048



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, 4.844, 307.238



97, 5.478, 307.261



96, 5.501, 322.772



50, 3.832, 307.300



28, 100.716, 310.687



5, 43.173, 311.093

Inverse Universe

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



96, 4.102, 340.931



97, 4.638, 340.976



98, 5.478, 142.509



51, 3.244, 341.050



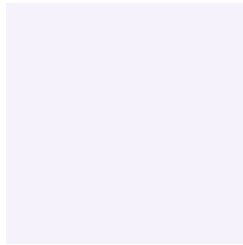
41, 68.495, 356.868



10, 31.691, 351.939

Previews

White Background



This preview shows how the CIELCh color 96, 4.846, 307.247 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, 4.846, 307.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

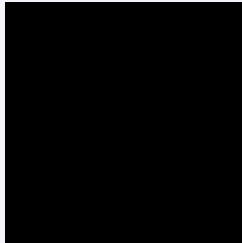
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

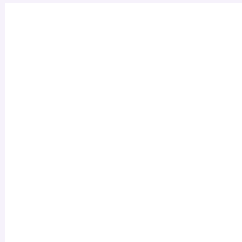
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 4.846, 307.247

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.846, 307.247.

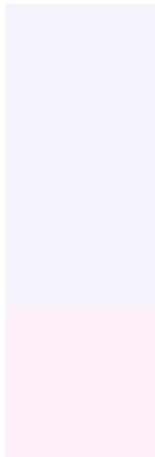


This preview shows how white text looks on a background with the CIELCh color 96, 4.846, 307.247.

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, 4.846, 307.247

Protanopia

96, 4.753, 303.229

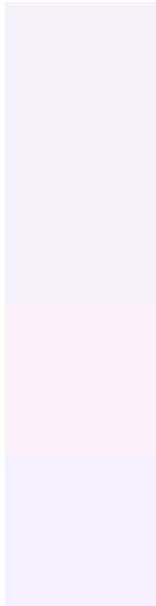
Deuteranopia

96, 7.657, 337.891



Tritanopia
96, 7.418, 304.212

Trichromacy



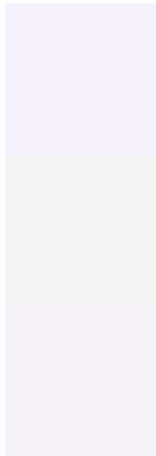
Original Color
96, 4.846, 307.247

Protanomaly
96, 4.753, 303.229

Deuteranomaly
96, 6.675, 329.627

Tritanomaly
96, 6.921, 305.187

Monochromacy



Original Color
96, 4.846, 307.247

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.184, 309.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 4.846, 307.247 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(246, 242, 251)` looks like.

```
.text, #text, p{  
    color:rgb(246, 242, 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(246, 242, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 242, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.846, 307.247 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(246, 242, 251) }
```

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

```
.border{ border-color:rgb(246, 242, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 242, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 242, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 242, 251);  
box-shadow:4px 4px 4px 4px rgb(246, 242,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.846, 307.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 242, 251) }
```

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

```
.background{ background-color: rgb(246,  
242, 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](#).

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