

Converting Colors

CIELCh(96, 6.891, 304.689)

Have a look what the booklet for
CIELCh(96, 6.891, 304.689) contains.

CIELCh(96, 6.921, 305.187)	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, 6.921, 305.187)

Conversions

Conversions Part 1

Format	Color
Hex	F6F1FE
RGB	246, 241, 254
RGB Percent	96%, 95%, 100%
CMY	0.0337, 0.0533, 0.0023
CMYK	0.03, 0.05, 0.00, 0.00
HSL	263°, 92%, 97%
HSV	263°, 5%, 100%
XYZ	87.6875, 90.0078, 106.8700
YIQ	243.9770, -1.1930, 5.1030

Conversions

Conversions Part 2

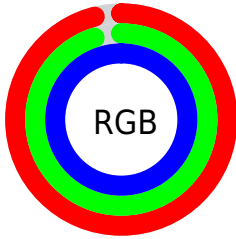
Format	Color
R _Y B	246, 241, 254
Decimal	16183806
CIE Lab	96.00, 3.99, -5.66
CIE LCh	96, 6.921, 305.187
Yxy	90.0078, 0.3081, 0.3163
Android (android.graphics.Color)	4294373886 (0xFF6F1FE)
YUV	243.9770, 4.9413, 1.7742
Hunter-Lab	94.8724, -1.0450, -0.3771

Details

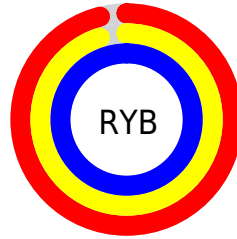
The CIELCh color **96, 6.921, 305.187** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 6.841, 124.692**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 6.748, 306.386** is the 20% darker color. If you saturate the color by 10%, you get **89, 20.785, 305.747**, and if you desaturate by 10%, it is **100, 0.282, 109.883**.

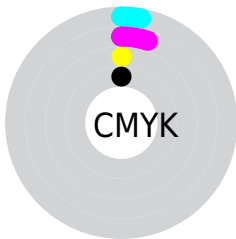
Distribution



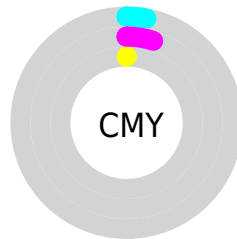
- Red (96%)
- Green (95%)
- Blue (100%)



- Red (96%)
- Yellow (95%)
- Blue (100%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.921, 305.187 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, 6.921, 305.187 by changing the saturation by 10% instead.

96, 6.921, 305.187

96, 6.921, 305.187

100, 6.921,
305.187

86, 6.921, 305.187

76, 6.921, 305.187

66, 6.921, 305.187

56, 6.921, 305.187

46, 6.921, 305.187

36, 6.921, 305.187

26, 6.921, 305.187

16, 6.921, 305.187

6, 6.921, 305.187

96, 6.921, 305.187

96, 6.921, 305.187

89, 20.785,
305.747

100, 0.282,
109.883

81, 35.099,
306.371

74, 49.810,
307.053

67, 64.793,
307.776

60, 79.790,
308.505

53, 94.323,
309.175

47, 107.584,
309.685

42, 118.416,
309.891

■ 39,125.589,
309.640

Harmonies

Complementary

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



96, 6.921, 305.187



99, 6.841, 124.692

Rectangle

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



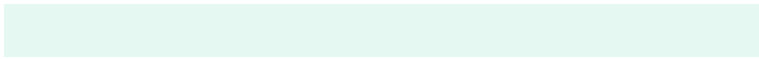
96, 6.921, 305.187



96, 6.921, 355.187



96, 6.921, 125.187



96, 6.921, 175.187

Sweetspot

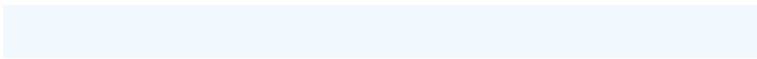
The Sweet Spot groups the original color and five complimentary colors.



96, 6.919, 305.180



99, 2.706, 304.999



98, 3.729, 242.539



53, 1.538, 304.992



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, 6.919, 305.180



96, 8.150, 305.229



96, 7.816, 321.452



50, 5.411, 305.265



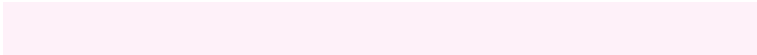
27, 102.995, 309.569



5, 44.881, 309.789

Inverse Universe

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



96, 6.176, 338.221



96, 7.271, 338.299



99, 7.786, 141.025



51, 4.826, 338.355



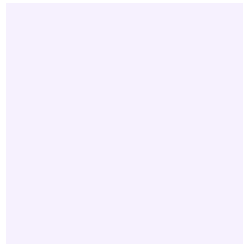
42, 70.865, 351.647



11, 33.406, 347.863

Previews

White Background



This preview shows how the CIE LCh color 96, 6.921, 305.187 looks on a white background.

Color Contrast Check

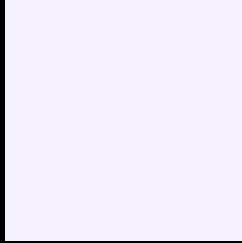
Large Text (above 18pt) WCAG AA × Fail

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, 6.921, 305.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

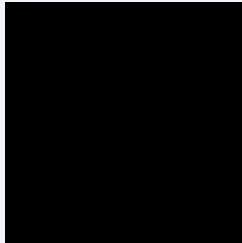
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

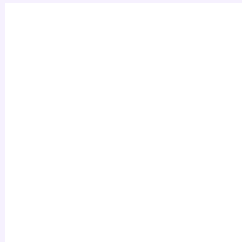
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 6.921, 305.187

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.921, 305.187.



This preview shows how white text looks on a background with the CIELCh color 96, 6.921, 305.187.

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, 6.921, 305.187

Protanopia

96, 6.719, 296.596

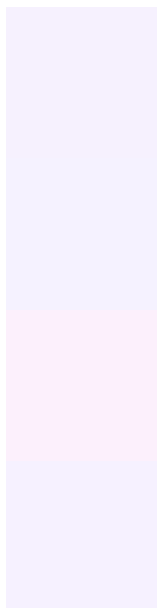
Deuteranopia

96, 8.376, 332.702



Tritanopia
96, 7.418, 304.212

Trichromacy



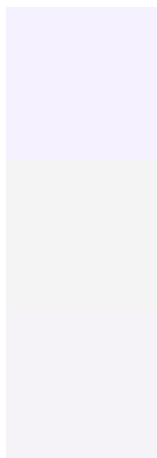
Original Color
96, 6.921, 305.187

Protanomaly
96, 6.768, 299.507

Deuteranomaly
96, 7.493, 324.664

Tritanomaly
96, 7.418, 304.212

Monochromacy



Original Color
96, 6.921, 305.187

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.674, 305.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.921, 305.187 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, 241, 254)` looks like.

```
.text, #text, p{  
    color:rgb(246, 241, 254)  
}
```

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, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 241, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.921, 305.187 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, 241, 254) }
```

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

```
.border{ border-color:rgb(246, 241, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 241, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 241, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 241, 254);  
box-shadow:4px 4px 4px 4px rgb(246, 241,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.921, 305.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 241, 254) }
```

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

```
.background{ background-color: rgb(246,  
241, 254) }
```

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