

Converting Colors

CIELCh(100, 70.761, 296.334)

Have a look what the booklet for
CIELCh(100, 70.761, 296.334)
contains.

CIELCh(96, 8.010, 305.783)	3
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Color

CIELCh(96, 8.010, 305.783)

Conversions

Conversions Part 1

Format	Color
Hex	F7F1FF
RGB	247, 241, 255
RGB Percent	97%, 95%, 100%
CMY	0.0312, 0.0547, 0.0000
CMYK	0.03, 0.05, 0.00, 0.00
HSL	266°, 100%, 97%
HSV	266°, 5%, 100%
XYZ	88.0639, 90.0078, 108.2334
YIQ	244.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

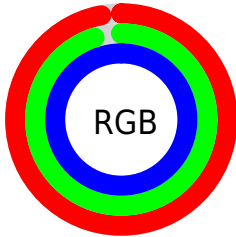
Format	Color
R _Y B	247, 241, 255
Decimal	16249343
CIE Lab	96.00, 4.68, -6.50
CIE LCh	96, 8.010, 305.783
Yxy	90.0078, 0.3076, 0.3144
Android (android.graphics.Color)	4294439423 (0xFF7F1FF)
YUV	244.3900, 5.2307, 2.2890
Hunter-Lab	94.8724, -0.3369, -1.2291

Details

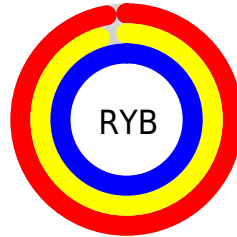
The CIELCh color `96, 8.010, 305.783` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 7.404, 126.351`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `76, 7.370, 307.999` is the 20% darker color. If you saturate the color by 10%, you get `89, 21.491, 307.372`, and if you desaturate by 10%, it is `100, 0.012, 296.813`.

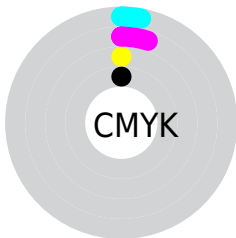
Distribution



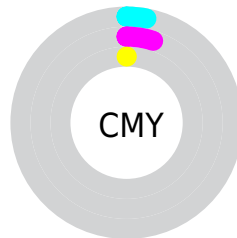
- Red (97%)
- Green (95%)
- Blue (100%)



- Red (97%)
- 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, 8.010, 305.783 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, 8.010, 305.783 by changing the saturation by 10% instead.

 96, 8.010, 305.783

 96, 8.010, 305.783

 100, 8.010,
305.783

 86, 8.010, 305.783

 76, 8.010, 305.783

 66, 8.010, 305.783

 56, 8.010, 305.783

 46, 8.010, 305.783

 36, 8.010, 305.783

 26, 8.010, 305.783

 16, 8.010, 305.783

 6, 8.010, 305.783

96, 8.010, 305.783

96, 8.010, 305.783

89, 21.491,
307.372

100, 0.012,
296.813

81, 35.918,
307.950

74, 50.697,
308.572

67, 65.679,
309.218

60, 80.576,
309.851

54, 94.877,
310.407

48, 107.768,
310.787

43, 118.136,
310.858

■ 40,124.881,
310.486

Harmonies

Complementary

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



96, 8.010, 305.783



99, 7.404, 126.351

Rectangle

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



96, 8.010, 305.783



96, 8.010, 355.783



96, 8.010, 125.783



96, 8.010, 175.783

Sweetspot

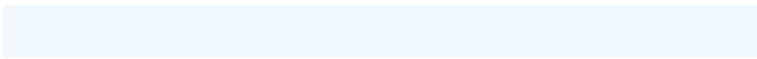
The Sweet Spot groups the original color and five complimentary colors.



96, 7.486, 306.840



99, 2.728, 306.646



98, 4.051, 246.640



53, 1.551, 306.639



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, 7.486, 306.840



95, 9.599, 306.920



96, 8.471, 322.420



50, 6.243, 306.951



28, 102.038, 310.401



5, 44.916, 310.986

Inverse Universe

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



96, 6.415, 340.426



95, 8.221, 340.564



99, 8.443, 141.932



50, 5.345, 340.617



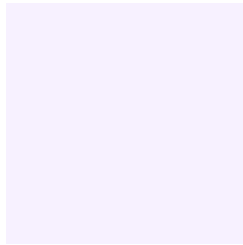
42, 69.508, 355.639



11, 32.695, 351.144

Previews

White Background



This preview shows how the CIE LCh color 96, 8.010, 305.783 looks on a white background.

Color Contrast Check

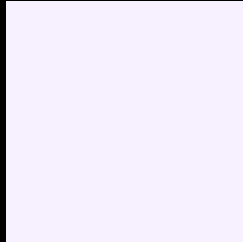
Large Text (above 18pt) WCAG AA × Fail

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, 8.010, 305.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

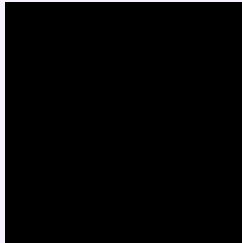
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 8.010, 305.783

Background



This preview shows how black text looks on a background with the CIELCh color 96, 8.010, 305.783.



This preview shows how white text looks on a background with the CIELCh color 96, 8.010, 305.783.

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, 7.510, 306.784

Protanopia

96, 6.719, 296.596

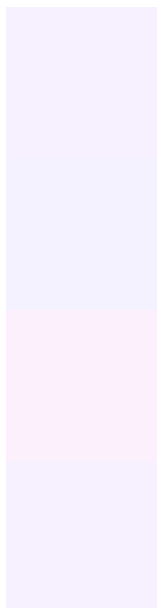
Deuteranopia

96, 8.758, 330.441



Tritanopia
96, 7.510, 306.784

Trichromacy



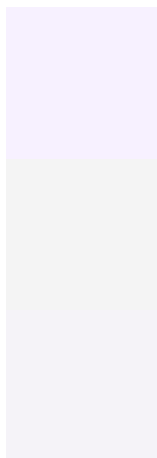
Original Color
96, 7.510, 306.784

Protanomaly
96, 6.768, 299.507

Deuteranomaly
96, 7.920, 322.581

Tritanomaly
96, 7.510, 306.784

Monochromacy



Original Color
96, 7.510, 306.784

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, 8.010, 305.783 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(247, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 241, 255)  
}
```

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(247, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 241, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 8.010, 305.783 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(247, 241, 255) }
```

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

```
.border{ border-color:rgb(247, 241, 255) }
```

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

Here you see how a box with a 4 pixel rgb(247, 241, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 241,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 8.010, 305.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 241, 255) }
```

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

```
.background{ background-color: rgb(247,  
241, 255) }
```

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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