

Converting Colors

CIELCh(96, 6.767, 308.684)

Have a look what the booklet for
CIELCh(96, 6.767, 308.684) contains.

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Color

CIELCh(96, 7.020, 307.931)

Conversions

Conversions Part 1

Format	Color
Hex	F7F1FE
RGB	247, 241, 254
RGB Percent	97%, 95%, 100%
CMY	0.0306, 0.0541, 0.0031
CMYK	0.03, 0.05, 0.00, 0.00
HSL	268°, 89%, 97%
HSV	268°, 5%, 100%
XYZ	87.8644, 90.0078, 106.6776
YIQ	244.2760, -0.5970, 5.3150

Conversions

Conversions Part 2

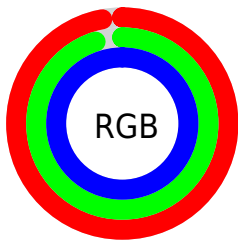
Format	Color
R _{YB}	247, 241, 254
Decimal	16249342
CIE _{Lab}	96.00, 4.32, -5.54
CIE _{LCh}	96, 7.020, 307.931
Yxy	90.0078, 0.3088, 0.3163
Android (android.graphics.Color)	4294439422 (0xFF7F1FE)
YUV	244.2760, 4.7939, 2.3889
Hunter-Lab	94.8724, -0.7122, -0.2569

Details

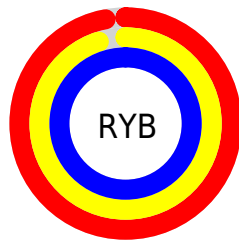
The CIELCh color **96, 7.020, 307.931** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 6.946, 127.493**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 6.858, 309.318** is the 20% darker color. If you saturate the color by 10%, you get **89, 21.044, 308.435**, and if you desaturate by 10%, it is **100, 0.393, 109.952**.

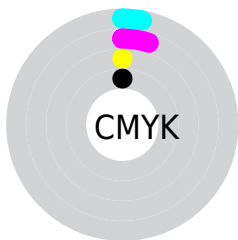
Distribution



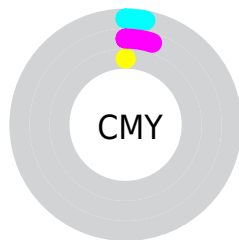
- Red (97%)
- Green (95%)
- Blue (100%)



- 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, 7.020, 307.931 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, 7.020, 307.931 by changing the saturation by 10% instead.

 96, 7.020, 307.931

 96, 7.020, 307.931

 100, 7.020,
307.931

 86, 7.020, 307.931

 76, 7.020, 307.931

 66, 7.020, 307.931

 56, 7.020, 307.931

 46, 7.020, 307.931

 36, 7.020, 307.931

 26, 7.020, 307.931

 16, 7.020, 307.931

 6, 7.020, 307.931

96, 7.020, 307.931

96, 7.020, 307.931

89, 21.044,
308.435

100, 0.393,
109.952

81, 35.474,
308.983

74, 50.229,
309.567

67, 65.149,
310.166

61, 79.937,
310.744

54, 94.082,
311.238

49, 106.785,
311.554

44, 116.982,
311.568

■ 41,123.643,
311.156

Harmonies

Complementary

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



96, 7.020, 307.931



99, 6.946, 127.493

Rectangle

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



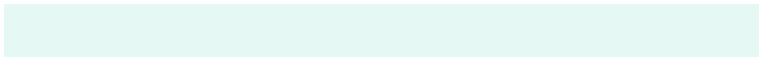
96, 7.020, 307.931



96, 7.020, 357.931



96, 7.020, 127.931



96, 7.020, 177.931

Sweetspot

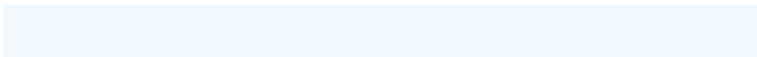
The Sweet Spot groups the original color and five complimentary colors.



96, 7.018, 307.925



99, 2.745, 307.753



97, 3.846, 250.551



53, 1.561, 307.746



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, 7.018, 307.925



96, 8.265, 307.970



96, 7.978, 323.328



50, 5.487, 308.003



29, 101.369, 311.028



6, 44.921, 311.823

Inverse Universe

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



96, 5.849, 341.956



96, 6.888, 342.040



99, 7.953, 142.862



51, 4.572, 342.101



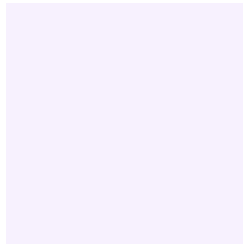
41, 68.818, 358.482



11, 32.286, 353.492

Previews

White Background



This preview shows how the CIE LCh color 96, 7.020, 307.931 looks on a white background.

Color Contrast Check

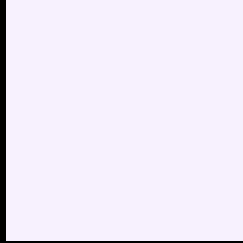
Large Text (above 18pt) WCAG AA × Fail

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, 7.020, 307.931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

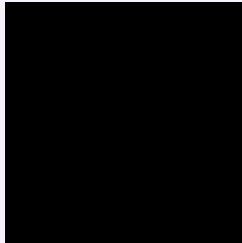
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

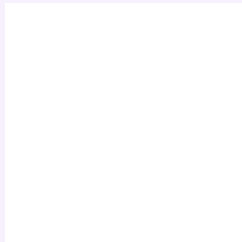
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 7.020, 307.931

Background



This preview shows how black text looks on a background with the CIELCh color 96, 7.020, 307.931.



This preview shows how white text looks on a background with the CIELCh color 96, 7.020, 307.931.

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, 7.020, 307.931

Protanopia

96, 6.719, 296.596

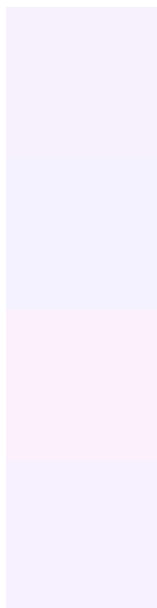
Deuteranopia

96, 8.376, 332.702



Tritanopia
96, 7.510, 306.784

Trichromacy



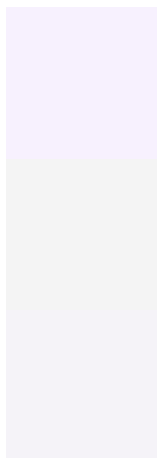
Original Color
96, 7.020, 307.931

Protanomaly
96, 6.768, 299.507

Deuteranomaly
96, 7.493, 324.664

Tritanomaly
96, 7.510, 306.784

Monochromacy



Original Color
96, 7.020, 307.931

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, 7.020, 307.931 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 241, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 7.020, 307.931 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, 254) }
```

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

```
.border{ border-color:rgb(247, 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(247, 241, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 241, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 241, 254);  
box-shadow:4px 4px 4px 4px rgb(247, 241,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 7.020, 307.931 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, 254) }
```

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

```
.background{ background-color: rgb(247,  
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](#).

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