

Converting Colors

CIELCh(96, 7.925, 318.161)

Have a look what the booklet for
CIELCh(96, 7.925, 318.161) contains.

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Color

CIELCh(96, 8.185, 318.594)

Conversions

Conversions Part 1

Format	Color
Hex	FBF0FE
RGB	251, 240, 254
RGB Percent	98%, 94%, 100%
CMY	0.0156, 0.0587, 0.0038
CMYK	0.01, 0.06, 0.00, 0.00
HSL	287°, 88%, 97%
HSV	287°, 6%, 100%
XYZ	88.8551, 90.0078, 106.4787
YIQ	244.8850, 2.0620, 6.6860

Conversions

Conversions Part 2

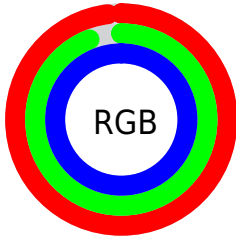
Format	Color
R _Y B	251, 240, 254
Decimal	16511230
CIE Lab	96.00, 6.14, -5.41
CIE LCh	96, 8.185, 318.594
Yxy	90.0078, 0.3114, 0.3154
Android (android.graphics.Color)	4294701310 (0xFFFBF0FE)
YUV	244.8850, 4.4937, 5.3629
Hunter-Lab	94.8724, 1.1518, -0.1326

Details

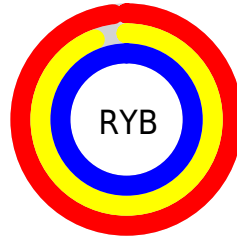
The CIELCh color **96, 8.185, 318.594** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 8.140, 138.164**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 7.943, 318.140** is the 20% darker color. If you saturate the color by 10%, you get **89, 23.234, 319.058**, and if you desaturate by 10%, it is **100, 0.481, 109.981**.

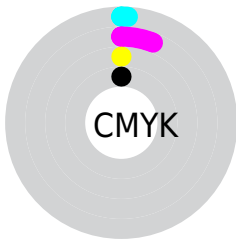
Distribution



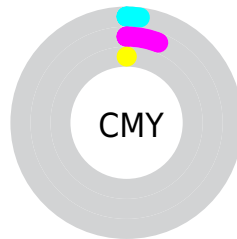
- Red (98%)
- Green (94%)
- Blue (100%)



- Red (98%)
- Yellow (94%)
- Blue (100%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 8.185, 318.594 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, 8.185, 318.594 by changing the saturation by 10% instead.

 96, 8.185, 318.594

 96, 8.185, 318.594

 100, 8.185,
318.594

 86, 8.185, 318.594

 76, 8.185, 318.594

 66, 8.185, 318.594

 56, 8.185, 318.594

 46, 8.185, 318.594

 36, 8.185, 318.594

 26, 8.185, 318.594

 16, 8.185, 318.594

 6, 8.185, 318.594

96, 8.185, 318.594

96, 8.185, 318.594

89, 23.234,
319.058

100, 0.481,
109.981

83, 38.451,
319.511

77, 53.620,
319.946

71, 68.410,
320.341

66, 82.348,
320.662

61, 94.807,
320.867

57, 105.066,
320.907

54, 112.456,
320.733

■ 52, 116.637,
320.309

Harmonies

Complementary

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



96, 8.185, 318.594



99, 8.140, 138.164

Rectangle

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



96, 8.185, 318.594



96, 8.185, 8.594



96, 8.185, 138.594



96, 8.185, 188.594

Sweetspot

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



96, 8.182, 318.592



99, 2.975, 318.386



96, 5.705, 280.071



53, 1.691, 318.377



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, 8.182, 318.592



95, 10.442, 318.664



96, 7.154, 333.936



50, 6.788, 318.693



38, 95.067, 320.186



9, 43.570, 321.091

Inverse Universe

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



96, 5.219, 2.558



95, 6.676, 2.728



98, 7.123, 153.302



50, 4.345, 2.795



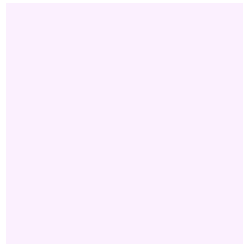
40, 74.249, 28.501



10, 31.900, 17.996

Previews

White Background



This preview shows how the CIE LCh color 96, 8.185, 318.594 looks on a white background.

Color Contrast Check

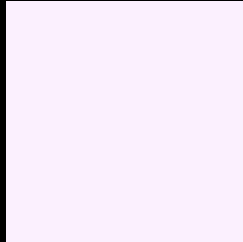
Large Text (above 18pt) WCAG AA × Fail

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, 8.185, 318.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

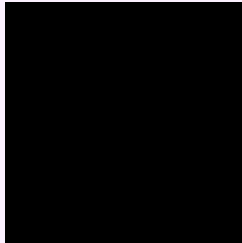
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

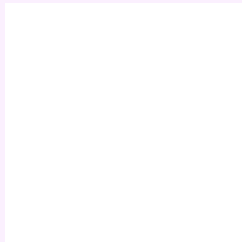
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 8.185, 318.594

Background



This preview shows how black text looks on a background with the CIELCh color 96, 8.185, 318.594.



This preview shows how white text looks on a background with the CIELCh color 96, 8.185, 318.594.

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, 8.185, 318.594

Protanopia

96, 6.719, 296.596

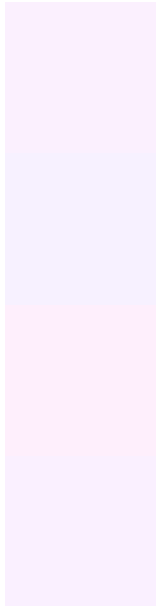
Deuteranopia

96, 8.376, 332.702



Tritanopia
96, 8.489, 314.890

Trichromacy



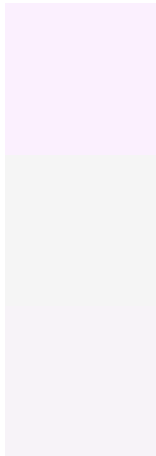
Original Color
96, 8.185, 318.594

Protanomaly
96, 7.510, 306.784

Deuteranomaly
96, 8.535, 328.616

Tritanomaly
96, 8.489, 314.890

Monochromacy



Original Color
96, 8.185, 318.594

Achromatopsia
97, 0.011, 296.813

Achromatomaly
96, 2.944, 318.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 8.185, 318.594 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(251, 240, 254)` looks like.

```
.text, #text, p{  
    color:rgb(251, 240, 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(251, 240, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 240, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 8.185, 318.594 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(251, 240, 254) }
```

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

```
.border{ border-color:rgb(251, 240, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 240, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 240, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 240, 254);  
box-shadow:4px 4px 4px 4px rgb(251, 240,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 8.185, 318.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 240, 254) }
```

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

```
.background{ background-color: rgb(251,  
240, 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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