

Converting Colors

CIELCh(96, 3.578, 333.793)

Have a look what the booklet for
CIELCh(96, 3.578, 333.793) contains.

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Color

CIELCh(96, 3.580, 333.794)

Conversions

Conversions Part 1

Format	Color
Hex	F9F2F7
RGB	249, 242, 247
RGB Percent	98%, 95%, 97%
CMY	0.0252, 0.0526, 0.0330
CMYK	0.00, 0.03, 0.01, 0.03
HSL	317°, 35%, 96%
HSV	317°, 3%, 97%
XYZ	87.2687, 90.0078, 100.4300
YIQ	244.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

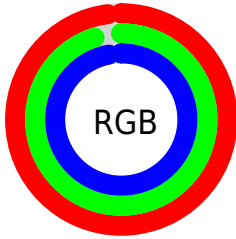
Format	Color
R _Y B	249, 242, 247
Decimal	16380663
CIE Lab	96.00, 3.21, -1.58
CIE LCh	96, 3.580, 333.794
Yxy	90.0078, 0.3142, 0.3241
Android (android.graphics.Color)	4294570743 (0xFF9F2F7)
YUV	244.6630, 1.1521, 3.8035
Hunter-Lab	94.8724, -1.8330, 3.6475

Details

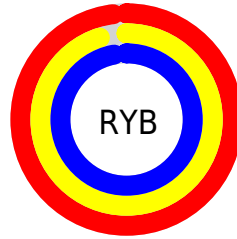
The CIELCh color **96, 3.580, 333.794** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97, 3.556, 153.643**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 3.757, 333.869** is the 20% darker color. If you saturate the color by 10%, you get **90, 16.407, 334.575**, and if you desaturate by 10%, it is **100, 2.334, 182.951**.

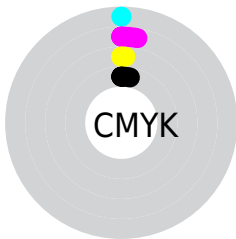
Distribution



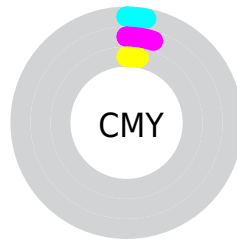
- Red (98%)
- Green (95%)
- Blue (97%)



- Red (98%)
- Yellow (95%)
- Blue (97%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (3%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 3.580, 333.794 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, 3.580, 333.794 by changing the saturation by 10% instead.

 96, 3.580, 333.794

 96, 3.580, 333.794

 100, 3.580,
333.794

 86, 3.580, 333.794

 76, 3.580, 333.794

 66, 3.580, 333.794

 56, 3.580, 333.794

 46, 3.580, 333.794

 36, 3.580, 333.794

 26, 3.580, 333.794

 16, 3.580, 333.794

 6, 3.580, 333.794

96, 3.580, 333.794

96, 3.580, 333.794

90, 16.407,
334.575

100, 2.334,
182.951

84, 29.346,
335.317

100, 2.226,
199.562

78, 42.165,
336.099

73, 54.524,
336.935

68, 65.954,
337.841

63, 75.868,
338.843

60, 83.636,
339.981

58, 88.727,
341.313

■ 56, 90.922,
342.911

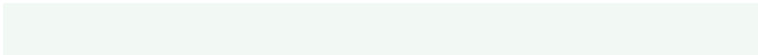
Harmonies

Complementary

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



96, 3.580, 333.794



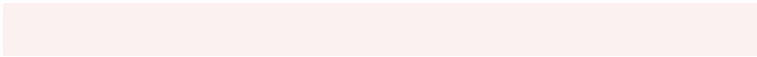
97, 3.556, 153.643

Rectangle

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



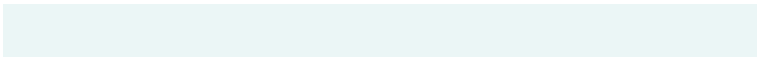
96, 3.580, 333.794



96, 3.580, 23.794



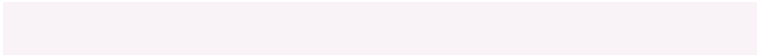
96, 3.580, 153.794



96, 3.580, 203.794

Sweetspot

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



96, 3.577, 333.800



99, 1.302, 333.481



96, 3.671, 301.326



53, 0.740, 333.462



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, 3.577, 333.800



98, 3.895, 333.820



96, 2.604, 2.017



51, 2.905, 333.895



42, 74.265, 343.885



10, 34.433, 341.374

Inverse Universe

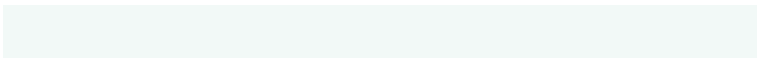
The Inverse Universe completely reimagines the original color for something new.



96, 3.577, 333.800



98, 3.895, 333.820



97, 2.569, 181.967



51, 2.905, 333.895



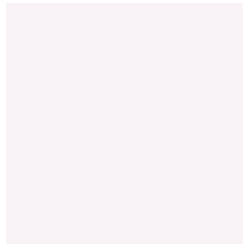
42, 74.265, 343.885



10, 34.433, 341.374

Previews

White Background



This preview shows how the CIELCh color 96, 3.580, 333.794 looks on a white background.

Color Contrast Check

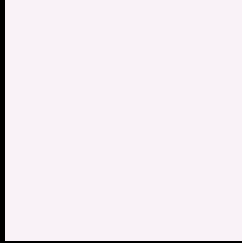
Large Text (above 18pt) WCAG AA × Fail

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, 3.580, 333.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

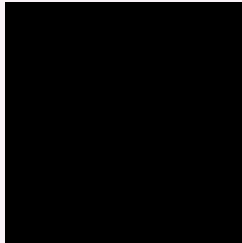
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

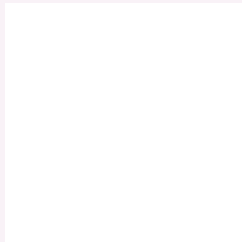
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 3.580, 333.794

Background



This preview shows how black text looks on a background with the CIELCh color 96, 3.580, 333.794.

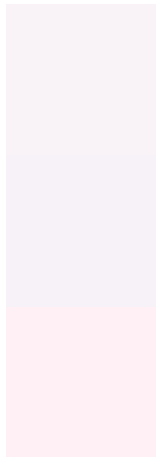


This preview shows how white text looks on a background with the CIELCh color 96, 3.580, 333.794.

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, 3.580, 333.794

Protanopia

96, 3.132, 324.457

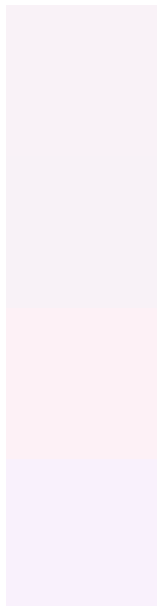
Deuteranopia

96, 6.160, 349.859



Tritanopia
96, 7.738, 311.734

Trichromacy



Original Color

96, 3.580, 333.794

Protanomaly

96, 3.345, 329.433

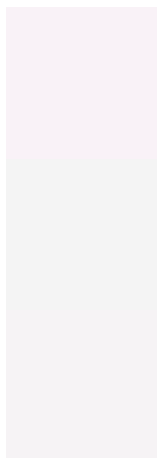
Deuteranomaly

96, 4.979, 348.716

Tritanomaly

96, 6.331, 316.739

Monochromacy



Original Color

96, 3.580, 333.794

Achromatopsia

96, 0.011, 296.813

Achromatomaly

96, 1.488, 335.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 3.580, 333.794 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(249, 242, 247)` looks like.

```
.text, #text, p{  
    color:rgb(249, 242, 247)  
}
```

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(249, 242, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 242, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 3.580, 333.794 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(249, 242, 247) }
```

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

```
.border{ border-color:rgb(249, 242, 247) }
```

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

Here you see how a box with a 4 pixel rgb(249, 242, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 242, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 242, 247);  
box-shadow:4px 4px 4px 4px rgb(249, 242,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 3.580, 333.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 242, 247) }
```

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

```
.background{ background-color: rgb(249,  
242, 247) }
```

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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