

Converting Colors

CIE LCh(96, 5.344, 342.806)

Have a look what the booklet for
CIELCh(96, 5.344, 342.806) contains.

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Color

CIELCh(96, 5.580, 339.703)

Conversions

Conversions Part 1

Format	Color
Hex	FCF0F7
RGB	252, 240, 247
RGB Percent	99%, 94%, 97%
CMY	0.0105, 0.0575, 0.0301
CMYK	0.00, 0.05, 0.02, 0.01
HSL	325°, 69%, 97%
HSV	325°, 5%, 99%
XYZ	88.3623, 90.0078, 100.9799
YIQ	244.3860, 4.9050, 4.7210

Conversions

Conversions Part 2

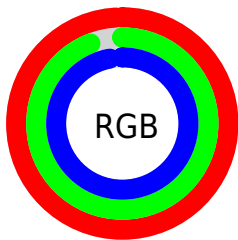
Format	Color
R _Y B	252, 240, 247
Decimal	16576759
CIE Lab	96.00, 5.23, -1.94
CIE LCh	96, 5.580, 339.703
Yxy	90.0078, 0.3163, 0.3222
Android (android.graphics.Color)	4294766839 (0xFFFCF0F7)
YUV	244.3860, 1.2887, 6.6775
Hunter-Lab	94.8724, 0.2245, 3.3039

Details

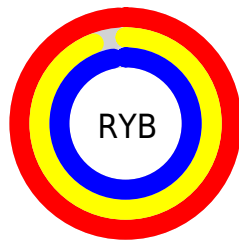
The CIELCh color $96, 5.580, 339.703$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $98, 5.540, 159.143$, and the grayscale version is $96, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $76, 5.578, 337.319$ is the 20% darker color. If you saturate the color by 10%, you get $90, 17.471, 340.574$, and if you desaturate by 10%, it is $100, 0.926, 200.062$.

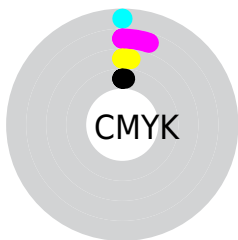
Distribution



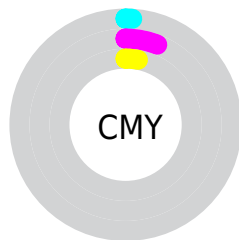
- Red (99%)
- Green (94%)
- Blue (97%)



- Red (99%)
- Yellow (94%)
- Blue (97%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (1%)



- Cyan (1%)
- Magenta (6%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.580, 339.703 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, 5.580, 339.703 by changing the saturation by 10% instead.

 96, 5.580, 339.703

 96, 5.580, 339.703

 100, 5.580,
339.703

 86, 5.580, 339.703

 76, 5.580, 339.703

 66, 5.580, 339.703

 56, 5.580, 339.703

 46, 5.580, 339.703

 36, 5.580, 339.703

 26, 5.580, 339.703

 16, 5.580, 339.703

 6, 5.580, 339.703

96, 5.580, 339.703

96, 5.580, 339.703

90, 17.471,
340.574

100, 0.926,
200.062

83, 29.495,
341.470

78, 41.424,
342.458

72, 52.921,
343.568

67, 63.512,
344.845

63, 72.609,
346.355

59, 79.593,
348.191

57, 83.981,
350.476

■ 55, 85.674,
353.347

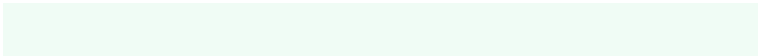
Harmonies

Complementary

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



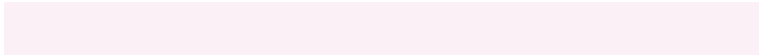
96, 5.580, 339.703



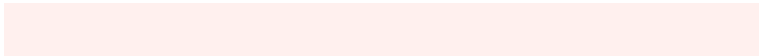
98, 5.540, 159.143

Rectangle

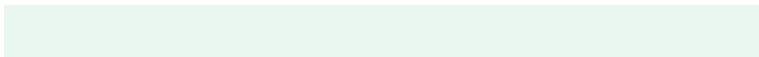
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



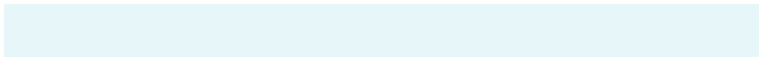
96, 5.580, 339.703



96, 5.580, 29.703



96, 5.580, 159.703



96, 5.580, 209.703

Sweetspot

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



96, 5.577, 339.710



99, 1.184, 339.122



96, 6.429, 306.320



53, 0.673, 339.098



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

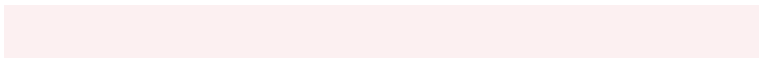
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 5.577, 339.710



96, 7.106, 339.824



96, 4.305, 12.733



50, 4.639, 339.880



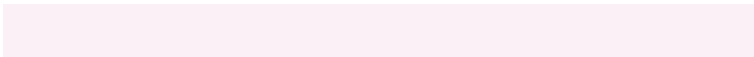
41, 69.179, 354.415



10, 32.070, 349.939

Inverse Universe

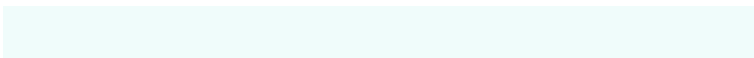
The Inverse Universe completely reimagines the original color for something new.



96, 5.577, 339.710



96, 7.106, 339.824



98, 4.194, 192.306



50, 4.639, 339.880



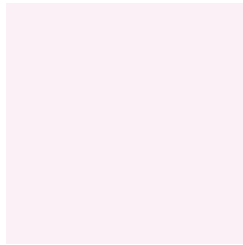
41, 69.179, 354.415



10, 32.070, 349.939

Previews

White Background



This preview shows how the CIELCh color 96, 5.580, 339.703 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, 5.580, 339.703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

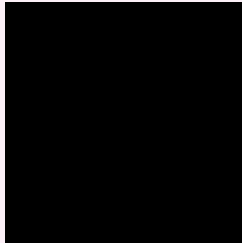
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 5.580, 339.703

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.580, 339.703.

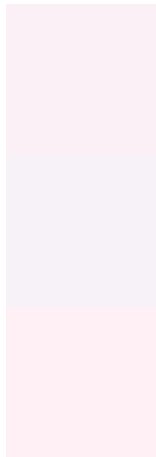


This preview shows how white text looks on a background with the CIELCh color 96, 5.580, 339.703.

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, 5.580, 339.703

Protanopia

96, 3.405, 314.710

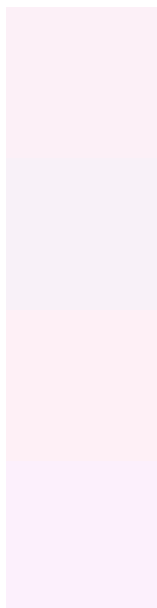
Deuteranopia

96, 6.160, 349.859



Tritanopia
96, 8.802, 319.044

Trichromacy



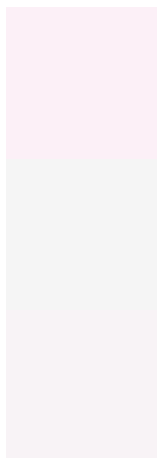
Original Color
96, 5.580, 339.703

Protanomaly
96, 4.381, 324.529

Deuteranomaly
96, 5.855, 348.086

Tritanomaly
96, 7.493, 324.664

Monochromacy



Original Color
96, 5.580, 339.703

Achromatopsia
97, 0.011, 296.813

Achromatomaly
96, 2.357, 338.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.580, 339.703 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(252, 240, 247)` looks like.

```
.text, #text, p{  
    color:rgb(252, 240, 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(252, 240, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 240, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.580, 339.703 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(252, 240, 247) }
```

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

```
.border{ border-color:rgb(252, 240, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 240, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 240, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 240, 247);  
box-shadow:4px 4px 4px 4px rgb(252, 240,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.580, 339.703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 240, 247) }
```

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

```
.background{ background-color: rgb(252,  
240, 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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