

Converting Colors

CIELCh(96, 4.903, 81.442)

Have a look what the booklet for
CIELCh(96, 4.903, 81.442) contains.

CIELCh(96, 5.055, 84.588)	3
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Color

CIELCh(96, 5.055, 84.588)

Conversions

Conversions Part 1

Format	Color
Hex	F9F3EA
RGB	249, 243, 234
RGB Percent	98%, 95%, 92%
CMY	0.0243, 0.0478, 0.0831
CMYK	0.00, 0.02, 0.06, 0.02
HSL	36°, 55%, 95%
HSV	36°, 6%, 98%
XYZ	85.8034, 90.0078, 90.5390
YIQ	243.7680, 6.4650, -1.5270

Conversions

Conversions Part 2

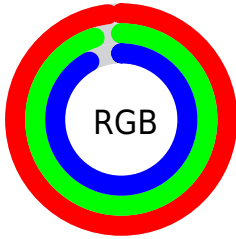
Format	Color
RYB	244, 249, 234
Decimal	16380906
CIELab	96.00, 0.48, 5.03
CIElCh	96, 5.055, 84.588
Yxy	90.0078, 0.3221, 0.3379
Android (android.graphics.Color)	4294570986 (0xFFFF9F3EA)
YUV	243.7680, -4.8156, 4.5885
Hunter-Lab	94.8724, -4.5899, 9.8289

Details

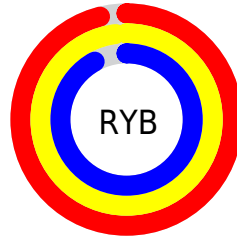
The CIELCh color **96, 5.055, 84.588** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 5.042, 266.303**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 5.319, 84.394** is the 20% darker color. If you saturate the color by 10%, you get **93, 13.667, 83.355**, and if you desaturate by 10%, it is **99, 1.780, 239.980**.

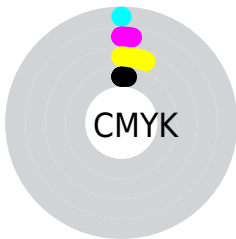
Distribution



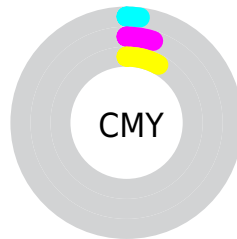
- Red (98%)
- Green (95%)
- Blue (92%)



- Red (96%)
- Yellow (98%)
- Blue (92%)



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



- Cyan (2%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.055, 84.588 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, 5.055, 84.588 by changing the saturation by 10% instead.



96, 5.055, 84.588

96, 5.055, 84.588

93, 13.667, 83.355

99, 1.780, 239.980

90, 22.542, 82.023

100, 2.152,
199.577

87, 31.671, 80.648

84, 41.006, 79.233

82, 50.428, 77.769

79, 59.686, 76.222

76, 68.298, 74.515

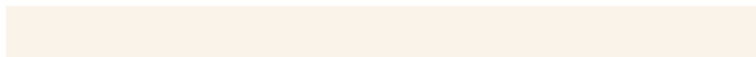
74, 75.439, 72.489

72, 80.062, 69.887

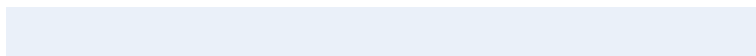
Harmonies

Complementary

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



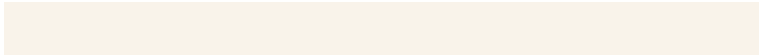
96, 5.055, 84.588



95, 5.042, 266.303

Rectangle

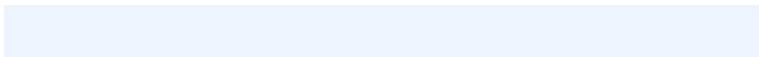
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



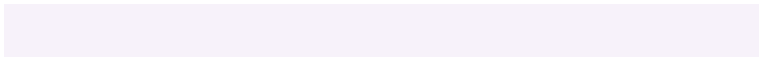
96, 5.055, 84.588



96, 5.055, 134.588



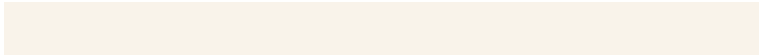
96, 5.055, 264.588



96, 5.055, 314.588

Sweetspot

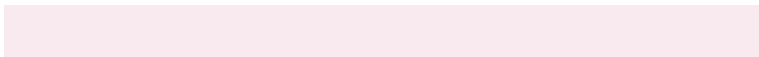
The Sweet Spot groups the original color and five complimentary colors.



96, 5.056, 84.616



99, 1.695, 84.990



94, 6.189, 349.873



53, 0.963, 84.992



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, 5.056, 84.616



98, 6.001, 84.499



97, 7.652, 113.615



51, 3.839, 84.428



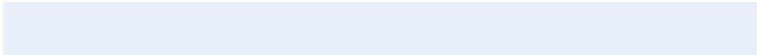
55, 66.035, 69.367



17, 26.226, 71.867

Inverse Universe

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



95, 5.042, 266.303



96, 5.975, 266.430



93, 7.772, 294.620



50, 3.819, 266.508



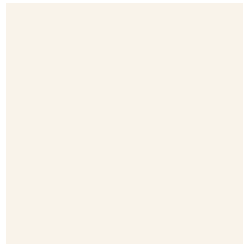
36, 69.835, 292.500



9, 27.406, 286.469

Previews

White Background



This preview shows how the CIE LCh color 96, 5.055, 84.588 looks on a white background.

Color Contrast Check

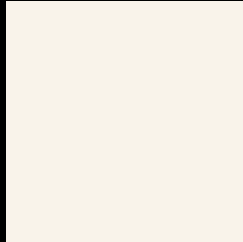
Large Text (above 18pt) WCAG AA × Fail

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, 5.055, 84.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

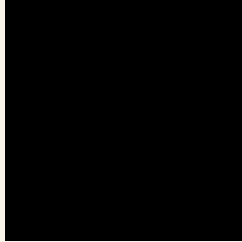
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

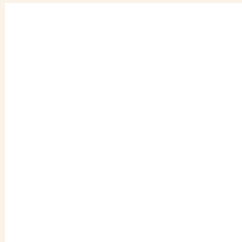
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.055, 84.588

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.055, 84.588.

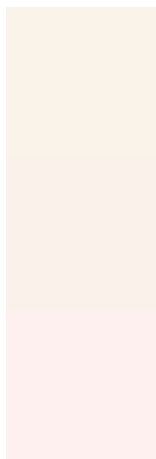


This preview shows how white text looks on a background with the CIELCh color 96, 5.055, 84.588.

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, 5.055, 84.588

Protanopia

96, 4.975, 74.550

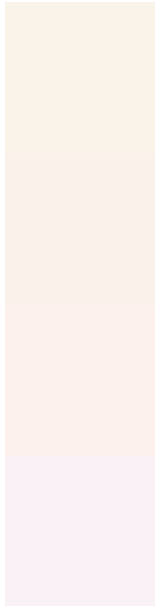
Deuteranopia

96, 5.358, 19.646



Tritanopia
96, 8.489, 314.890

Trichromacy



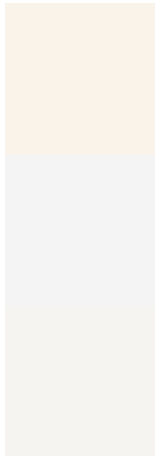
Original Color
96, 5.055, 84.588

Protanomaly
96, 4.975, 74.550

Deuteranomaly
96, 4.546, 39.216

Tritanomaly
96, 4.446, 335.825

Monochromacy



Original Color
96, 5.055, 84.588

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.147, 90.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.055, 84.588 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, 243, 234)` looks like.

```
.text, #text, p{  
    color:rgb(249, 243, 234)  
}
```

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, 243, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 243, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.055, 84.588 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, 243, 234) }
```

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

```
.border{ border-color:rgb(249, 243, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 243, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 243, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 243, 234);  
box-shadow:4px 4px 4px 4px rgb(249, 243,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.055, 84.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 243, 234) }
```

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

```
.background{ background-color: rgb(249,  
243, 234) }
```

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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