

Converting Colors

CIE LCh(96, 1.311, 324.203)

Have a look what the booklet for
CIELCh(96, 1.311, 324.203) contains.

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Color

CIELCh(96, 1.259, 324.249)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F5F3F5 |
| RGB | 245, 243, 245 |
| RGB Percent | 96%, 95%, 96% |
| CMY | 0.0397, 0.0475, 0.0397 |
| CMYK | 0.00, 0.01, 0.00, 0.04 |
| HSL | 300°, 9%, 96% |
| HSV | 300°, 1%, 96% |
| XYZ | 86.0941, 90.0078, 99.1274 |
| YIQ | 243.8260, 0.5500, 1.0460 |

Conversions

Conversions Part 2

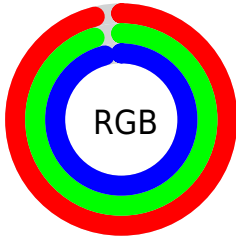
| Format | Color |
|-------------------------------------|---|
| RYB | 245, 243, 245 |
| Decimal | 16118773 |
| CIELab | 96.00, 1.02, -0.74 |
| CIElCh | 96, 1.259, 324.249 |
| Yxy | 90.0078, 0.3128, 0.3270 |
| Android (android.graphics.Color) | 4294308853 (0xFFFF5F3F5) |
| YUV | 243.8260, 0.5788, 1.0296 |
| Hunter-Lab | 94.8724, -4.0431, 4.4616 |

Details

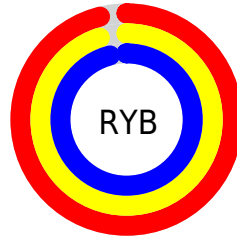
The CIELCh color **96, 1.259, 324.249** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 1.236, 144.639**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 1.320, 324.313** is the 20% darker color. If you saturate the color by 10%, you get **90, 16.683, 325.020**, and if you desaturate by 10%, it is **99, 6.279, 144.264**.

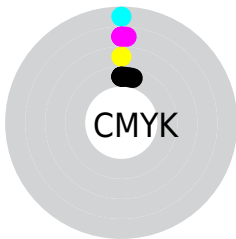
Distribution



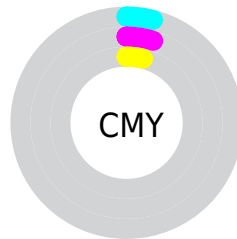
- Red (96%)
- Green (95%)
- Blue (96%)



- Red (96%)
- Yellow (95%)
- Blue (96%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 1.259, 324.249 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, 1.259, 324.249 by changing the saturation by 10% instead.

96, 1.259, 324.249

96, 1.259, 324.249

100, 1.259,
324.249

86, 1.259, 324.249

76, 1.259, 324.249

66, 1.259, 324.249

56, 1.259, 324.249

46, 1.259, 324.249

36, 1.259, 324.249

26, 1.259, 324.249

16, 1.259, 324.249

6, 1.259, 324.249

96, 1.259, 324.249

96, 1.259, 324.249

90, 16.683,
325.020

99, 6.279, 144.264

84, 32.213,
325.579

99, 6.279, 144.262

79, 47.586,
326.119

99, 6.279, 144.259

74, 62.428,
326.629

99, 6.278, 144.255

69, 76.250,
327.092

99, 6.278, 144.253

65, 88.469,
327.491

99, 6.278, 144.249

62, 98.480,
327.810

99, 6.278, 144.247

60, 105.793,
328.038

■ 59,110.201,
328.174

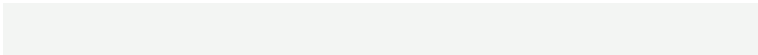
Harmonies

Complementary

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



96, 1.259, 324.249



96, 1.236, 144.639

Rectangle

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



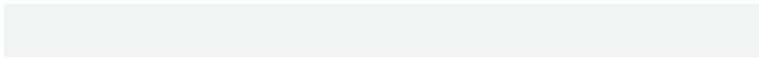
96, 1.259, 324.249



96, 1.259, 14.249



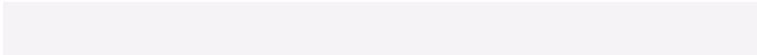
96, 1.259, 144.249



96, 1.259, 194.249

Sweetspot

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



96, 1.256, 324.247

100, 0.012, 296.813



96, 1.016, 289.671



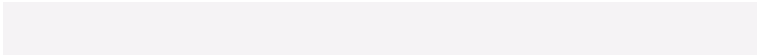
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

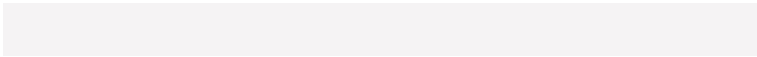
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 1.256, 324.247



99, 1.592, 324.302



96, 0.892, 342.309



51, 0.875, 324.288



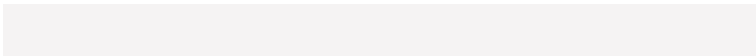
44, 91.228, 328.231



11, 40.561, 328.231

Inverse Universe

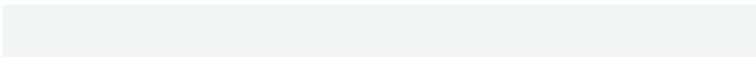
The Inverse Universe completely reimagines the original color for something new.



96, 0.705, 18.544



99, 0.895, 18.725



96, 0.875, 163.230



51, 0.492, 18.680



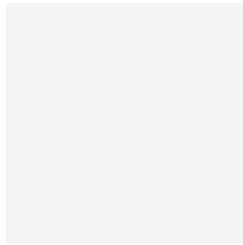
39, 82.549, 39.998



8, 31.024, 25.006

Previews

White Background



This preview shows how the CIELCh color 96, 1.259, 324.249 looks on a white background.

Color Contrast Check

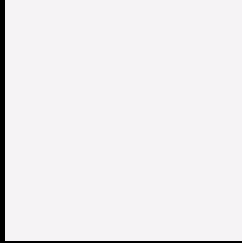
Large Text (above 18pt) WCAG AA × Fail

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, 1.259, 324.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

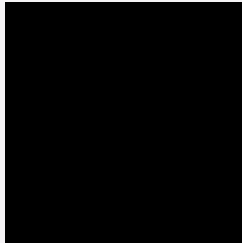
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

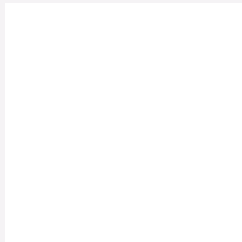
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 1.259, 324.249

Background



This preview shows how black text looks on a background with the CIELCh color 96, 1.259, 324.249.

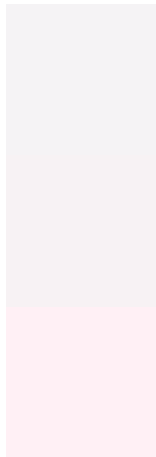


This preview shows how white text looks on a background with the CIELCh color 96, 1.259, 324.249.

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, 1.259, 324.249

Protanopia

96, 2.056, 349.342

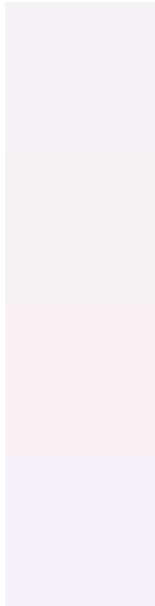
Deuteranopia

96, 5.924, 354.146



Tritanopia
96, 7.418, 304.212

Trichromacy



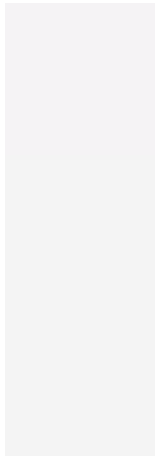
Original Color
96, 1.259, 324.249

Protanomaly
96, 1.760, 343.515

Deuteranomaly
96, 4.108, 349.643

Tritanomaly
96, 4.846, 307.247

Monochromacy



Original Color
96, 1.259, 324.249

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 0.011, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 1.259, 324.249 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(245, 243, 245)` looks like.

```
.text, #text, p{  
    color:rgb(245, 243, 245)  
}
```

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(245, 243, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 243, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 1.259, 324.249 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(245, 243, 245) }
```

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

```
.border{ border-color:rgb(245, 243, 245) }
```

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

Here you see how a box with a 4 pixel rgb(245, 243, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 243, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 243, 245);  
box-shadow:4px 4px 4px 4px rgb(245, 243,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 1.259, 324.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 243, 245) }
```

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

```
.background{ background-color: rgb(245,  
243, 245) }
```

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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