

Converting Colors

CIELCh(96, 1.570, 119.772)

Have a look what the booklet for
CIELCh(96, 1.570, 119.772) contains.

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Color

CIELCh(96, 1.568, 123.027)

Conversions

Conversions Part 1

Format	Color
Hex	F3F4F1
RGB	243, 244, 241
RGB Percent	95%, 96%, 95%
CMY	0.0475, 0.0436, 0.0554
CMYK	0.00, 0.00, 0.01, 0.04
HSL	80°, 12%, 95%
HSV	80°, 1%, 96%
XYZ	85.0962, 90.0078, 96.0152
YIQ	243.3590, 0.3670, -1.1450

Conversions

Conversions Part 2

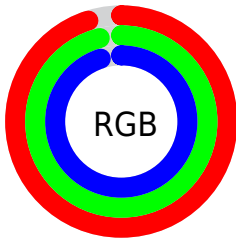
Format	Color
R _Y B	241, 244, 242
Decimal	15987953
CIE Lab	96.00, -0.85, 1.31
CIE LCh	96, 1.568, 123.027
Yxy	90.0078, 0.3139, 0.3320
Android (android.graphics.Color)	4294178033 (0xFFFF3F4F1)
YUV	243.3590, -1.1630, -0.3148
Hunter-Lab	94.8724, -5.9205, 6.4066

Details

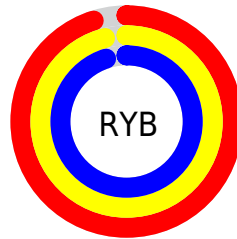
The CIELCh color **96, 1.568, 123.027** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95, 1.596, 303.106**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 1.649, 122.999** is the 20% darker color. If you saturate the color by 10%, you get **95, 14.415, 122.477**, and if you desaturate by 10%, it is **97, 6.242, 314.062**.

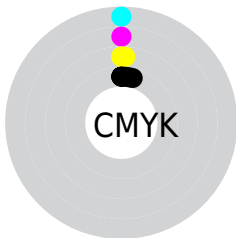
Distribution



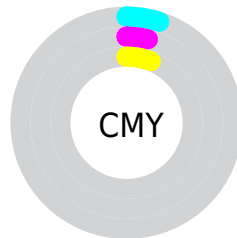
- Red (95%)
- Green (96%)
- Blue (95%)



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



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



- Cyan (5%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 1.568, 123.027 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, 1.568, 123.027 by changing the saturation by 10% instead.

96, 1.568, 123.027

96, 1.568, 123.027

100, 1.568,
123.027

86, 1.568, 123.027

76, 1.568, 123.027

66, 1.568, 123.027

56, 1.568, 123.027

46, 1.568, 123.027

36, 1.568, 123.027

26, 1.568, 123.027

16, 1.568, 123.027

6, 1.568, 123.027

96, 1.568, 123.027

96, 1.568, 123.027

95, 14.415,
122.477

97, 6.242, 314.062

97, 6.921, 324.638

94, 27.210,
121.912

93, 39.850,
121.347

92, 52.181,
120.810

91, 63.977,
120.341

90, 74.898,
120.006

90, 84.473,
119.895

89, 92.124,
120.125

■ 89, 97.351,
120.807

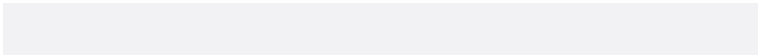
Harmonies

Complementary

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



96, 1.568, 123.027



95, 1.596, 303.106

Rectangle

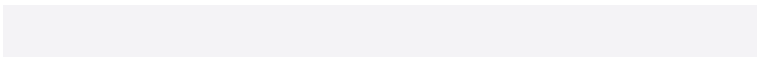
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



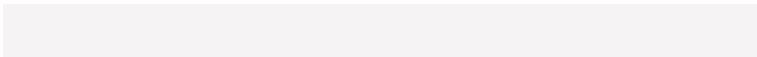
96, 1.568, 123.027



96, 1.568, 173.027



96, 1.568, 303.027



96, 1.568, 353.027

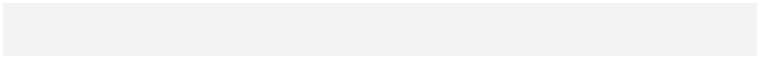
Sweetspot

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



96, 1.570, 123.063

100, 0.012, 296.813



96, 0.864, 54.946



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

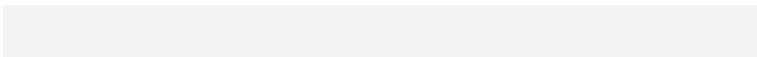
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 1.570, 123.063



100, 1.320, 123.086



96, 1.773, 139.885



51, 0.725, 123.092



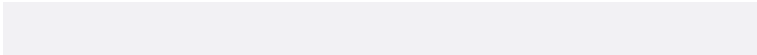
69, 81.557, 121.503



22, 34.808, 120.299

Inverse Universe

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



95, 1.596, 303.106



99, 1.345, 303.083



95, 1.794, 319.715



51, 0.740, 303.077



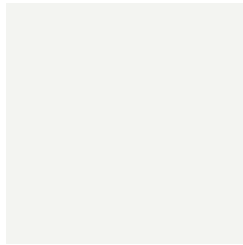
26, 101.893, 308.795



4, 40.965, 307.596

Previews

White Background



This preview shows how the CIELCh color 96, 1.568, 123.027 looks on a white background.

Color Contrast Check

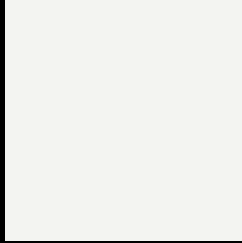
Large Text (above 18pt) WCAG AA × Fail

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, 1.568, 123.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

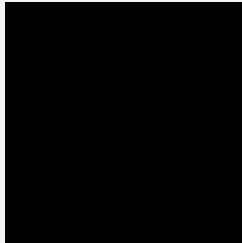
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

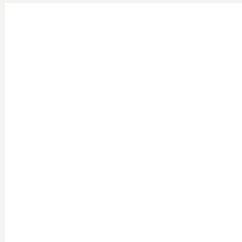
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 1.568, 123.027

Background



This preview shows how black text looks on a background with the CIELCh color 96, 1.568, 123.027.

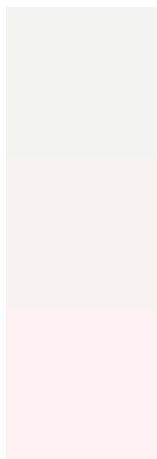


This preview shows how white text looks on a background with the CIELCh color 96, 1.568, 123.027.

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, 1.568, 123.027

Protanopia

96, 2.351, 45.011

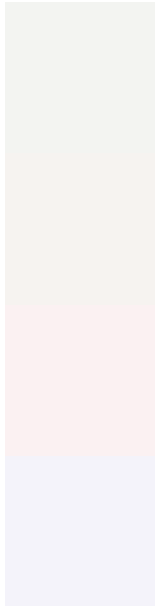
Deuteranopia

96, 5.564, 3.684



Tritanopia
96, 6.768, 299.507

Trichromacy



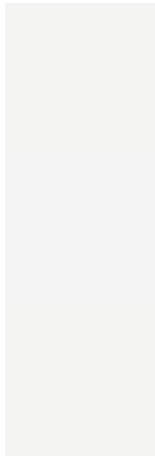
Original Color
96, 1.568, 123.027

Protanomaly
96, 1.849, 74.891

Deuteranomaly
96, 3.593, 11.294

Tritanomaly
96, 3.617, 295.997

Monochromacy



Original Color
96, 1.568, 123.027

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 0.501, 109.990

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 1.568, 123.027 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(243, 244, 241)` looks like.

```
.text, #text, p{  
    color:rgb(243, 244, 241)  
}
```

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(243, 244, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 244, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 1.568, 123.027 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(243, 244, 241) }
```

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

```
.border{ border-color:rgb(243, 244, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 244, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 244, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 244, 241);  
box-shadow:4px 4px 4px 4px rgb(243, 244,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 1.568, 123.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 244, 241) }
```

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

```
.background{ background-color: rgb(243,  
244, 241) }
```

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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