

Converting Colors

CIELCh(96, 4.334, 128.969)

Have a look what the booklet for
CIELCh(96, 4.334, 128.969) contains.

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Color

CIELCh(96, 4.336, 128.958)

Conversions

Conversions Part 1

Format	Color
Hex	F1F5ED
RGB	241, 245, 237
RGB Percent	95%, 96%, 93%
CMY	0.0554, 0.0397, 0.0711
CMYK	0.02, 0.00, 0.03, 0.04
HSL	90°, 28%, 94%
HSV	90°, 3%, 96%
XYZ	84.1085, 90.0078, 92.9587
YIQ	242.8920, 0.1840, -3.3360

Conversions

Conversions Part 2

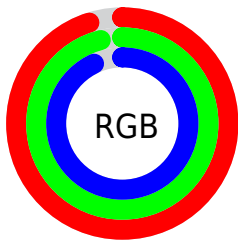
Format	Color
R _Y B	237, 245, 241
Decimal	15857133
CIE Lab	96.00, -2.73, 3.37
CIE LCh	96, 4.336, 128.958
Yxy	90.0078, 0.3149, 0.3370
Android (android.graphics.Color)	4294047213 (0xFFFF1F5ED)
YUV	242.8920, -2.9048, -1.6593
Hunter-Lab	94.8724, -7.7788, 8.3167

Details

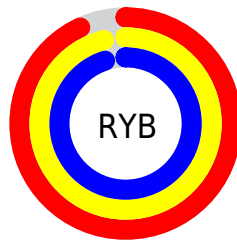
The CIELCh color **96, 4.336, 128.958** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94, 4.378, 309.190**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 4.556, 128.911** is the 20% darker color. If you saturate the color by 10%, you get **95, 17.678, 128.488**, and if you desaturate by 10%, it is **97, 5.959, 319.370**.

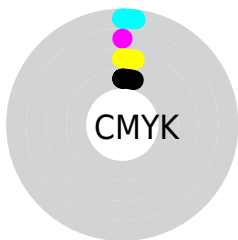
Distribution



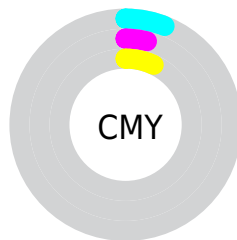
- Red (95%)
- Green (96%)
- Blue (93%)



- Red (93%)
- Yellow (96%)
- Blue (95%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (6%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 4.336, 128.958 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, 4.336, 128.958 by changing the saturation by 10% instead.

96, 4.336, 128.958

96, 4.336, 128.958

100, 4.336,
128.958

86, 4.336, 128.958

76, 4.336, 128.958

66, 4.336, 128.958

56, 4.336, 128.958

46, 4.336, 128.958

36, 4.336, 128.958

26, 4.336, 128.958

16, 4.336, 128.958

6, 4.336, 128.958

96, 4.336, 128.958

96, 4.336, 128.958

95, 17.678,
128.488

97, 5.959, 319.370

98, 6.307, 324.612

93, 30.997,
128.003

92, 44.171,
127.511

91, 57.026,
127.039

90, 69.304,
126.632

89, 80.634,
126.366

88, 90.516,
126.346

88, 98.362,
126.703

■ 87,103.716,
127.549

Harmonies

Complementary

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



96, 4.336, 128.958



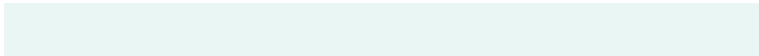
94, 4.378, 309.190

Rectangle

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



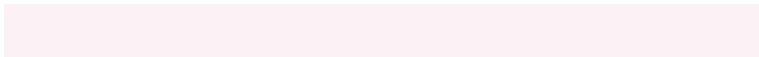
96, 4.336, 128.958



96, 4.336, 178.958



96, 4.336, 308.958



96, 4.336, 358.958

Sweetspot

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



96, 4.338, 128.968



100, 1.363, 129.139



95, 2.477, 74.850



53, 0.774, 129.147



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

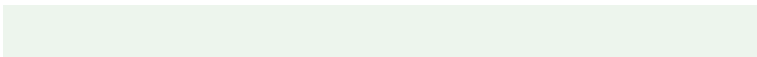
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 4.338, 128.968



99, 5.490, 128.929



96, 5.002, 144.318



51, 3.775, 128.893



68, 86.130, 128.062



21, 36.498, 126.811

Inverse Universe

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



94, 4.378, 309.190



97, 5.540, 309.229



95, 5.022, 324.562



49, 3.811, 309.266



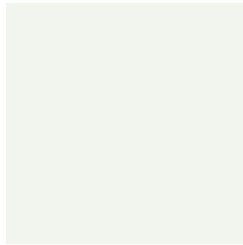
29, 98.503, 311.898



5, 41.489, 312.428

Previews

White Background



This preview shows how the CIELCh color 96, 4.336, 128.958 looks on a white background.

Color Contrast Check

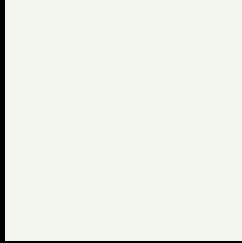
Large Text (above 18pt) WCAG AA × Fail

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, 4.336, 128.958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

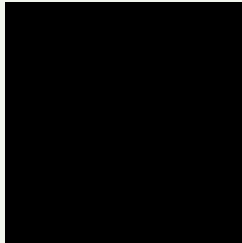
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

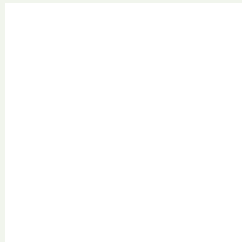
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 4.336, 128.958

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.336, 128.958.

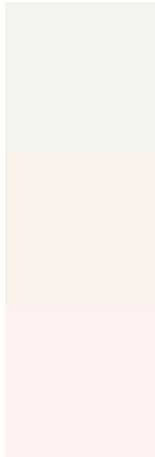


This preview shows how white text looks on a background with the CIELCh color 96, 4.336, 128.958.

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, 4.336, 128.958

Protanopia

96, 4.348, 74.634

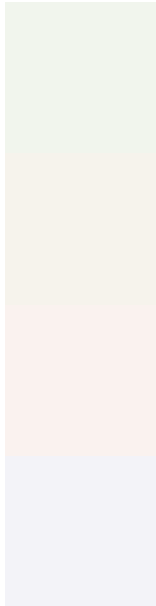
Deuteranopia

96, 5.379, 14.205



Tritanopia
96, 6.719, 296.596

Trichromacy



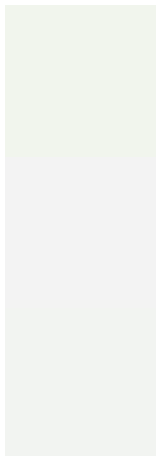
Original Color
96, 4.336, 128.958

Protanomaly
96, 3.717, 93.136

Deuteranomaly
96, 3.222, 47.762

Tritanomaly
96, 2.571, 290.404

Monochromacy



Original Color
96, 4.336, 128.958

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.687, 134.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 4.336, 128.958 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(241, 245, 237)` looks like.

```
.text, #text, p{  
    color:rgb(241, 245, 237)  
}
```

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(241, 245, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 245, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.336, 128.958 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(241, 245, 237) }
```

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

```
.border{ border-color:rgb(241, 245, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 245, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 245, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 245, 237);  
box-shadow:4px 4px 4px 4px rgb(241, 245,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.336, 128.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 245, 237) }
```

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

```
.background{ background-color: rgb(241,  
245, 237) }
```

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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