

Converting Colors

CIELCh(96, 4.923, 127.448)

Have a look what the booklet for
CIELCh(96, 4.923, 127.448) contains.

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Color

CIELCh(96, 4.822, 126.959)

Conversions

Conversions Part 1

Format	Color
Hex	F1F5EC
RGB	241, 245, 236
RGB Percent	95%, 96%, 93%
CMY	0.0551, 0.0394, 0.0748
CMYK	0.02, 0.00, 0.04, 0.04
HSL	87°, 31%, 94%
HSV	87°, 4%, 96%
XYZ	84.0176, 90.0078, 92.2529
YIQ	242.7780, 0.5050, -3.6470

Conversions

Conversions Part 2

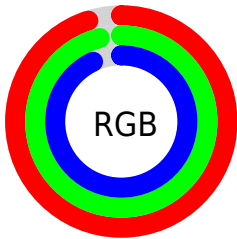
Format	Color
R _Y B	236, 245, 240
Decimal	15857132
CIE Lab	96.00, -2.90, 3.85
CIE LCh	96, 4.822, 126.959
Yxy	90.0078, 0.3155, 0.3380
Android (android.graphics.Color)	4294047212 (0xFFFF1F5EC)
YUV	242.7780, -3.3416, -1.5593
Hunter-Lab	94.8724, -7.9498, 8.7577

Details

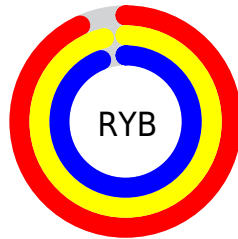
The CIELCh color **96, 4.822, 126.959** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 4.871, 307.261**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 5.066, 126.907** is the 20% darker color. If you saturate the color by 10%, you get **95, 17.998, 126.472**, and if you desaturate by 10%, it is **97, 5.709, 315.380**.

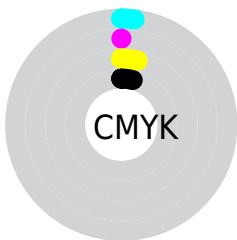
Distribution



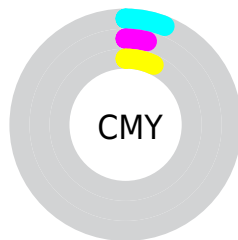
- Red (95%)
- Green (96%)
- Blue (93%)



- Red (93%)
- Yellow (96%)
- Blue (94%)



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 4.822, 126.959 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, 4.822, 126.959 by changing the saturation by 10% instead.

 96, 4.822, 126.959

 96, 4.822, 126.959

 100, 4.822,
126.959

 86, 4.822, 126.959

 76, 4.822, 126.959

 66, 4.822, 126.959

 56, 4.822, 126.959

 46, 4.822, 126.959

 36, 4.822, 126.959

 26, 4.822, 126.959

 16, 4.822, 126.959

 6, 4.822, 126.959

96, 4.822, 126.959

96, 4.822, 126.959

95, 17.998,
126.472

97, 5.709, 315.380

98, 6.264, 324.610

93, 31.129,
125.970

92, 44.099,
125.467

91, 56.732,
124.991

90, 68.772,
124.591

89, 79.847,
124.341

89, 89.452,
124.347

88, 97.005,
124.739

■ 88, 102.067,
125.623

Harmonies

Complementary

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



96, 4.822, 126.959



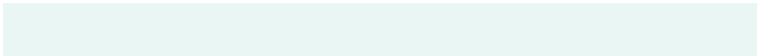
94, 4.871, 307.261

Rectangle

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



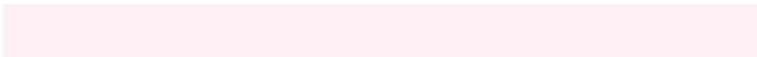
96, 4.822, 126.959



96, 4.822, 176.959



96, 4.822, 306.959



96, 4.822, 356.959

Sweetspot

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



96, 4.824, 126.969



100, 1.347, 127.157



95, 2.684, 67.285



53, 0.765, 127.164



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

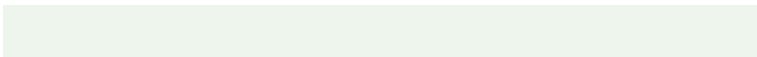
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 4.824, 126.969



99, 5.425, 126.952



96, 5.509, 142.503



51, 3.730, 126.914



68, 84.574, 126.105



22, 35.904, 124.815

Inverse Universe

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



94, 4.871, 307.261



97, 5.478, 307.279



94, 5.532, 322.778



49, 3.768, 307.318



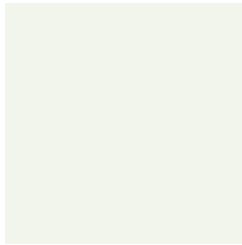
28, 99.679, 310.708



5, 41.336, 310.760

Previews

White Background



This preview shows how the CIE LCh color 96, 4.822, 126.959 looks on a white background.

Color Contrast Check

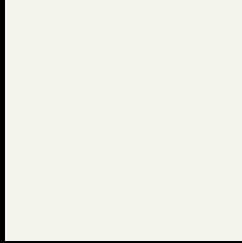
Large Text (above 18pt) WCAG AA × Fail

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, 4.822, 126.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

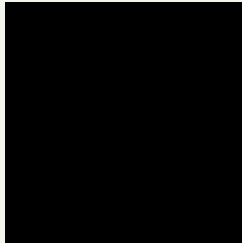
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

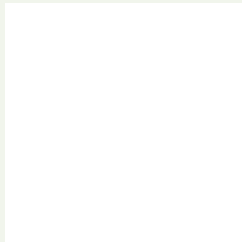
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 4.822, 126.959

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.822, 126.959.

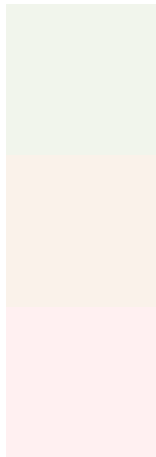


This preview shows how white text looks on a background with the CIELCh color 96, 4.822, 126.959.

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, 4.822, 126.959

Protanopia

96, 4.975, 74.550

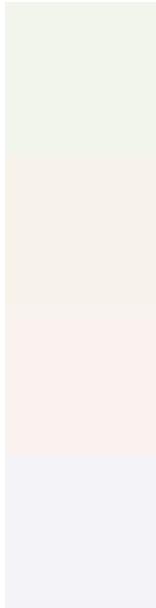
Deuteranopia

96, 5.379, 14.205



Tritanopia
96, 6.719, 296.596

Trichromacy



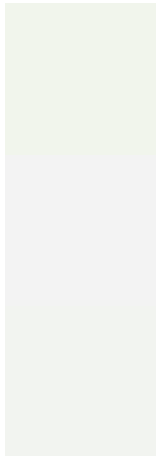
Original Color
96, 4.822, 126.959

Protanomaly
96, 4.312, 90.458

Deuteranomaly
96, 3.222, 47.762

Tritanomaly
96, 2.571, 290.404

Monochromacy



Original Color
96, 4.822, 126.959

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.163, 129.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 4.822, 126.959 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(241, 245, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 245, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.822, 126.959 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, 236) }
```

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

```
.border{ border-color:rgb(241, 245, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 245, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 245, 236);  
box-shadow:4px 4px 4px 4px rgb(241, 245,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.822, 126.959 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, 236) }
```

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

```
.background{ background-color: rgb(241,  
245, 236) }
```

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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