

Converting Colors

CIELCh(96, 5.033, 129.164)

Have a look what the booklet for
CIELCh(96, 5.033, 129.164) contains.

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Color

CIELCh(96, 4.943, 130.863)

Conversions

Conversions Part 1

Format	Color
Hex	F0F5EC
RGB	240, 245, 236
RGB Percent	94%, 96%, 93%
CMY	0.0583, 0.0386, 0.0739
CMYK	0.02, 0.00, 0.04, 0.04
HSL	93°, 31%, 94%
HSV	93°, 4%, 96%
XYZ	83.8419, 90.0078, 92.4210
YIQ	242.4790, -0.0910, -3.8590

Conversions

Conversions Part 2

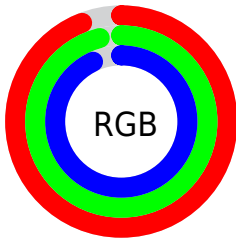
Format	Color
R _Y B	236, 245, 241
Decimal	15791596
CIE Lab	96.00, -3.23, 3.74
CIE LCh	96, 4.943, 130.863
Yxy	90.0078, 0.3149, 0.3380
Android (android.graphics.Color)	4293981676 (0xFFFF0F5EC)
YUV	242.4790, -3.1941, -2.1741
Hunter-Lab	94.8724, -8.2804, 8.6527

Details

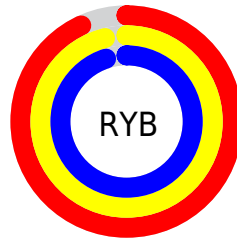
The CIELCh color **96, 4.943, 130.863** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 4.987, 311.116**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 5.194, 130.813** is the 20% darker color. If you saturate the color by 10%, you get **94, 18.485, 130.403**, and if you desaturate by 10%, it is **97, 5.900, 321.148**.

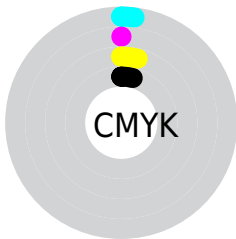
Distribution



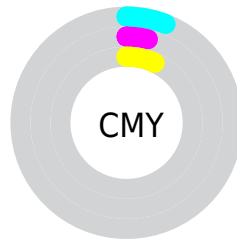
- Red (94%)
- Green (96%)
- Blue (93%)



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



- 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, 4.943, 130.863 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, 4.943, 130.863 by changing the saturation by 10% instead.

 96, 4.943, 130.863

 96, 4.943, 130.863

 100, 4.943,
130.863

 86, 4.943, 130.863

 76, 4.943, 130.863

 66, 4.943, 130.863

 56, 4.943, 130.863

 46, 4.943, 130.863

 36, 4.943, 130.863

 26, 4.943, 130.863

 16, 4.943, 130.863

 6, 4.943, 130.863

96, 4.943, 130.863

96, 4.943, 130.863

94, 18.485,
130.403

97, 5.900, 321.148

93, 32.015,
129.924

98, 6.133, 324.605

92, 45.406,
129.431

91, 58.472,
128.951

90, 70.945,
128.531

89, 82.444,
128.243

88, 92.455,
128.199

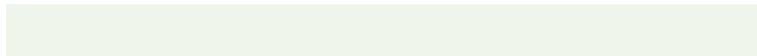
87, 100.385,
128.529

■ 87,105.782,
129.342

Harmonies

Complementary

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



96, 4.943, 130.863



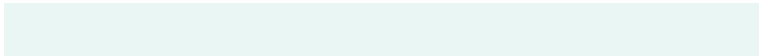
94, 4.987, 311.116

Rectangle

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



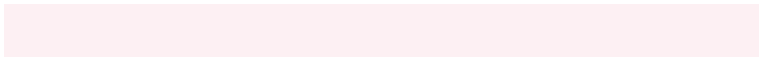
96, 4.943, 130.863



96, 4.943, 180.863



96, 4.943, 310.863



96, 4.943, 0.863

Sweetspot

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



96, 4.945, 130.871



100, 1.380, 131.070



95, 2.898, 80.041



53, 0.784, 131.078



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, 4.945, 130.871



99, 5.562, 130.854



96, 5.440, 145.655



51, 3.825, 130.818



67, 87.645, 129.777



21, 37.099, 128.615

Inverse Universe

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



94, 4.987, 311.116



97, 5.608, 311.133



94, 5.460, 325.958



49, 3.857, 311.169



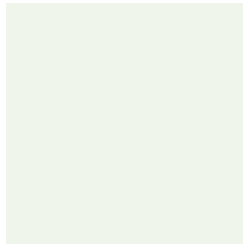
31, 97.334, 313.235



6, 41.599, 314.122

Previews

White Background



This preview shows how the CIE LCh color 96, 4.943, 130.863 looks on a white background.

Color Contrast Check

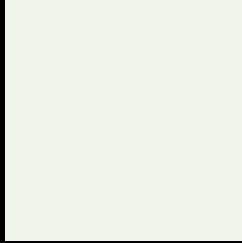
Large Text (above 18pt) WCAG AA × Fail

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, 4.943, 130.863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

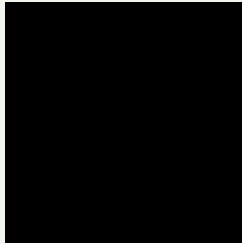
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

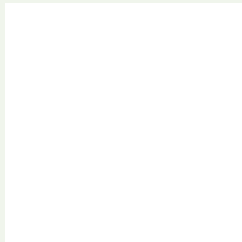
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 4.943, 130.863

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.943, 130.863.

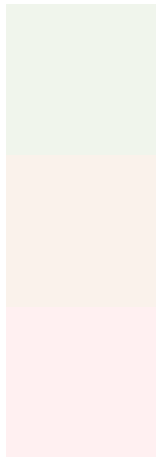


This preview shows how white text looks on a background with the CIELCh color 96, 4.943, 130.863.

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, 4.943, 130.863

Protanopia

96, 4.563, 70.917

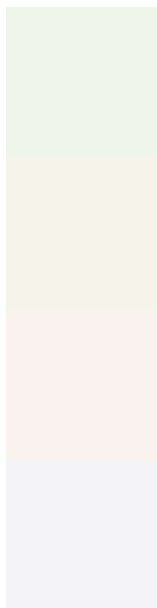
Deuteranopia

96, 5.379, 14.205



Tritanopia
96, 6.719, 296.596

Trichromacy



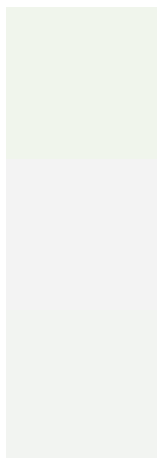
Original Color
96, 4.943, 130.863

Protanomaly
96, 4.210, 95.083

Deuteranomaly
96, 3.222, 47.762

Tritanomaly
96, 2.571, 290.404

Monochromacy



Original Color
96, 4.943, 130.863

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, 4.943, 130.863 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(240, 245, 236)` looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 245, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 245, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.943, 130.863 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(240, 245, 236) }
```

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

```
.border{ border-color:rgb(240, 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(240, 245, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 245, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 245, 236);  
box-shadow:4px 4px 4px 4px rgb(240, 245,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.943, 130.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 245, 236) }
```

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

```
.background{ background-color: rgb(240,  
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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