

Converting Colors

CIELCh(93, 4.043, 111.909)

Have a look what the booklet for
CIELCh(93, 4.043, 111.909) contains.

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Color

CIELCh(93, 4.126, 114.819)

Conversions

Conversions Part 1

Format	Color
Hex	EBECE4
RGB	235, 236, 228
RGB Percent	92%, 93%, 89%
CMY	0.0798, 0.0759, 0.1073
CMYK	0.00, 0.00, 0.03, 0.08
HSL	68°, 17%, 91%
HSV	68°, 3%, 92%
XYZ	77.9888, 82.9670, 85.0434
YIQ	234.7890, 1.9720, -2.7000

Conversions

Conversions Part 2

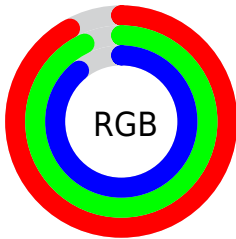
Format	Color
RYB	228, 236, 229
Decimal	15461604
CIELab	93.00, -1.73, 3.74
CIELCh	93, 4.126, 114.819
Yxy	82.9670, 0.3170, 0.3373
Android (android.graphics.Color)	4293651684 (0xFFEBECE4)
YUV	234.7890, -3.3470, 0.1850
Hunter-Lab	91.0862, -6.5677, 8.4038

Details

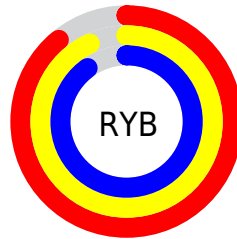
The CIELCh color **93, 4.126, 114.819** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 4.179, 295.375**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 3.804, 115.493** is the 20% darker color. If you saturate the color by 10%, you get **92, 16.287, 114.059**, and if you desaturate by 10%, it is **94, 8.066, 295.605**.

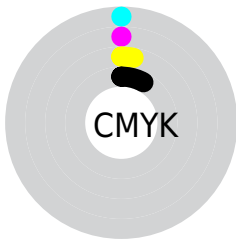
Distribution



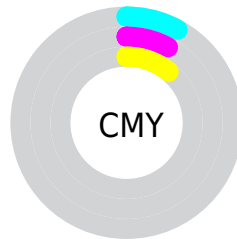
- Red (92%)
- Green (93%)
- Blue (89%)



- Red (89%)
- Yellow (93%)
- Blue (90%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (8%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 4.126, 114.819 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 93, 4.126, 114.819 by changing the saturation by 10% instead.

93, 4.126, 114.819

93, 4.126, 114.819

100, 4.126,
114.819

83, 4.126, 114.819

73, 4.126, 114.819

63, 4.126, 114.819

53, 4.126, 114.819

43, 4.126, 114.819

33, 4.126, 114.819

23, 4.126, 114.819

13, 4.126, 114.819

3, 4.126, 114.819

93, 4.126, 114.819

93, 4.126, 114.819

92, 16.287,
114.059

94, 8.066, 295.605

92, 28.341,
113.268

94, 10.144,
300.535

91, 40.185,
112.486

94, 10.373,
306.107

90, 51.658,
111.738

95, 10.694,
311.421

90, 62.515,
111.062

95, 11.102,
316.414


89, 72.390,
110.509

95, 11.588,
321.048

89, 80.782,
110.144

95, 12.077,
324.836

89, 87.112,
110.045

 89, 90.944,
110.276

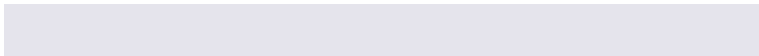
Harmonies

Complementary

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



93, 4.126, 114.819



91, 4.179, 295.375

Rectangle

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



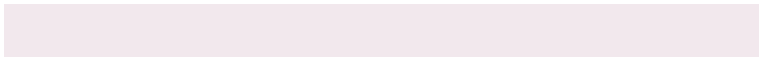
93, 4.126, 114.819



93, 4.126, 164.819



93, 4.126, 294.819



93, 4.126, 344.819

Sweetspot

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



93, 4.128, 114.838



100, 1.288, 115.011



91, 2.577, 30.120



53, 0.732, 115.014



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

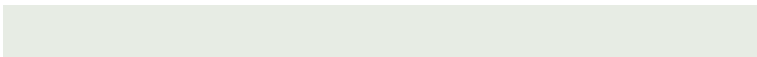
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 4.128, 114.838



100, 5.186, 114.790



93, 4.494, 132.937



49, 3.443, 114.735



70, 75.756, 110.458



21, 30.848, 110.362

Inverse Universe

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



91, 4.179, 295.375



97, 5.252, 295.424



91, 4.528, 313.138



47, 3.490, 295.482



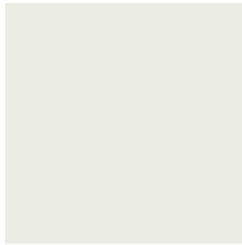
22, 102.708, 306.750



3, 36.024, 300.708

Previews

White Background



This preview shows how the CIE LCh color 93, 4.126, 114.819 looks on a white background.

Color Contrast Check

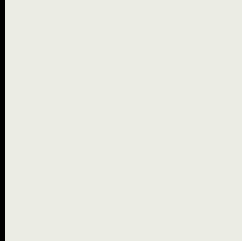
Large Text (above 18pt) WCAG AA × Fail

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 93, 4.126, 114.819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

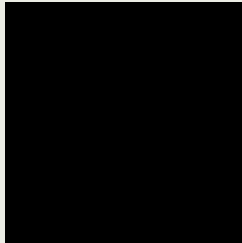
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

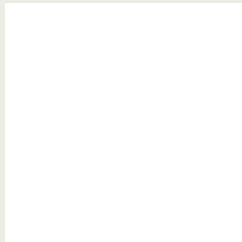
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 4.126, 114.819

Background



This preview shows how black text looks on a background with the CIELCh color 93, 4.126, 114.819.

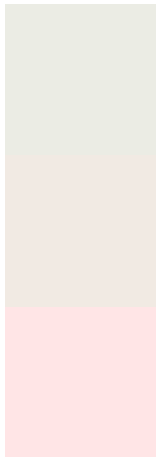


This preview shows how white text looks on a background with the CIELCh color 93, 4.126, 114.819.

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

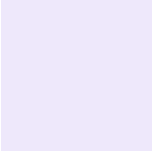
93, 4.126, 114.819

Protanopia

93, 4.376, 74.615

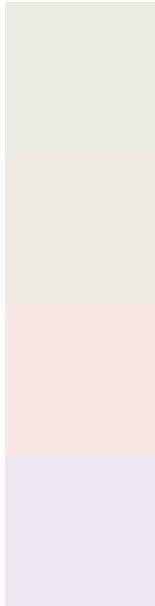
Deuteranopia

93, 9.448, 16.893



Tritanopia
93, 10.068, 302.824

Trichromacy



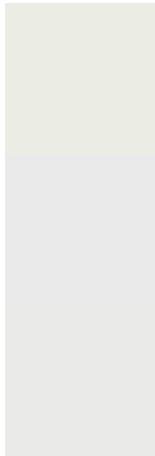
Original Color
93, 4.126, 114.819

Protanomaly
93, 4.340, 90.441

Deuteranomaly
93, 6.227, 29.213

Tritanomaly
93, 5.376, 305.686

Monochromacy



Original Color
93, 4.126, 114.819

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.580, 123.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 4.126, 114.819 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(235, 236, 228)` looks like.

```
.text, #text, p{  
    color:rgb(235, 236, 228)  
}
```

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(235, 236, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 236, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 4.126, 114.819 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(235, 236, 228) }
```

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

```
.border{ border-color:rgb(235, 236, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 236, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 236, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 236, 228);  
box-shadow:4px 4px 4px 4px rgb(235, 236,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 4.126, 114.819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 236, 228) }
```

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

```
.background{ background-color: rgb(235,  
236, 228) }
```

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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