

Converting Colors

CIELCh(93, 4.783, 126.329)

Have a look what the booklet for
CIELCh(93, 4.783, 126.329) contains.

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Color

CIELCh(93, 4.856, 126.952)

Conversions

Conversions Part 1

Format	Color
Hex	E8ECE3
RGB	232, 236, 227
RGB Percent	91%, 93%, 89%
CMY	0.0888, 0.0731, 0.1085
CMYK	0.02, 0.00, 0.04, 0.07
HSL	87°, 19%, 91%
HSV	87°, 4%, 93%
XYZ	77.3969, 82.9670, 84.8556
YIQ	233.7780, 0.5050, -3.6470

Conversions

Conversions Part 2

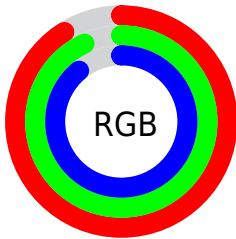
Format	Color
R _Y B	227, 236, 231
Decimal	15264995
CIE Lab	93.00, -2.92, 3.88
CIE LCh	93, 4.856, 126.952
Yxy	82.9670, 0.3156, 0.3383
Android (android.graphics.Color)	4293455075 (0xFFE8ECE3)
YUV	233.7780, -3.3416, -1.5593
Hunter-Lab	91.0862, -7.7277, 8.5260

Details

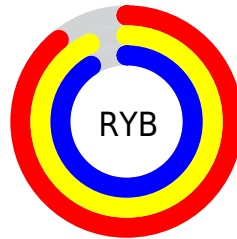
The CIELCh color **93, 4.856, 126.952** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 4.906, 307.268**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 4.598, 128.902** is the 20% darker color. If you saturate the color by 10%, you get **92, 17.656, 126.466**, and if you desaturate by 10%, it is **94, 7.899, 307.373**.

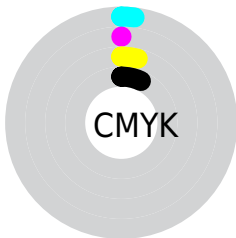
Distribution



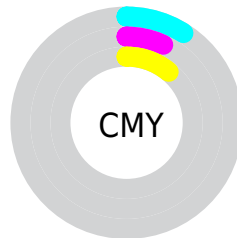
- Red (91%)
- Green (93%)
- Blue (89%)



- Red (89%)
- Yellow (93%)
- Blue (91%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 4.856, 126.952 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, 4.856, 126.952 by changing the saturation by 10% instead.

93, 4.856, 126.952

93, 4.856, 126.952

100, 4.856,
126.952

83, 4.856, 126.952

73, 4.856, 126.952

63, 4.856, 126.952

53, 4.856, 126.952

43, 4.856, 126.952

33, 4.856, 126.952

23, 4.856, 126.952

13, 4.856, 126.952

3, 4.856, 126.952

93, 4.856, 126.952

93, 4.856, 126.952

92, 17.656,
126.466

94, 7.899, 307.373

90, 30.411,
125.965

95, 11.325,
322.398

89, 43.009,
125.463

95, 11.636,
324.819

88, 55.279,
124.988

87, 66.972,
124.589

87, 77.729,
124.340

86, 87.061,
124.346

85, 94.402,
124.736

■ 85, 99.330,
125.617

Harmonies

Complementary

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



93, 4.856, 126.952



91, 4.906, 307.268

Rectangle

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



93, 4.856, 126.952



93, 4.856, 176.952



93, 4.856, 306.952



93, 4.856, 356.952

Sweetspot

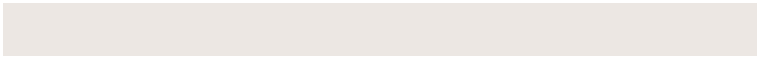
The Sweet Spot groups the original color and five complimentary colors.



93, 4.858, 126.962



100, 1.347, 127.157



92, 2.704, 67.277



53, 0.765, 127.163



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, 4.858, 126.962



99, 6.785, 126.900



93, 5.548, 142.495



49, 4.325, 126.867



66, 82.821, 126.071



20, 33.177, 125.246

Inverse Universe

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



91, 4.906, 307.268



96, 6.856, 307.331



91, 5.571, 322.786



47, 4.372, 307.365



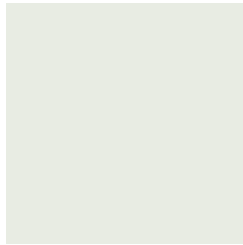
27, 97.620, 310.730



4, 37.391, 309.765

Previews

White Background



This preview shows how the CIE LCh color 93, 4.856, 126.952 looks on a white background.

Color Contrast Check

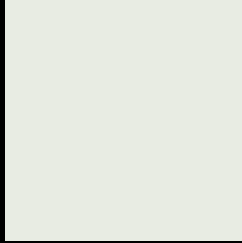
Large Text (above 18pt) WCAG AA × Fail

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, 4.856, 126.952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

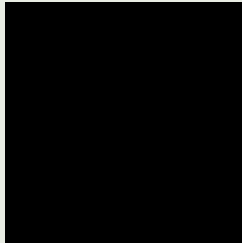
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

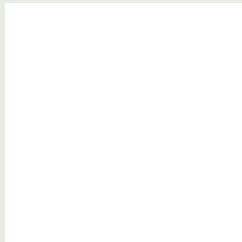
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 4.856, 126.952

Background



This preview shows how black text looks on a background with the CIELCh color 93, 4.856, 126.952.

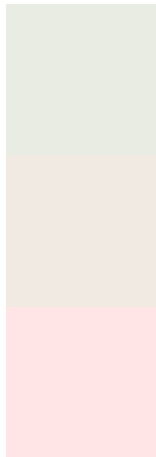


This preview shows how white text looks on a background with the CIELCh color 93, 4.856, 126.952.

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, 4.856, 126.952

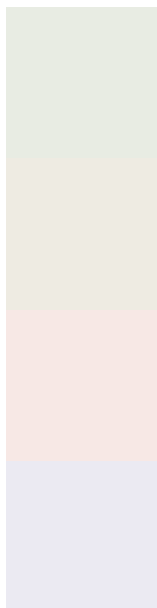
Protanopia
93, 4.809, 78.083

Deuteranopia
93, 9.448, 16.893



Tritanopia
93, 9.374, 297.245

Trichromacy



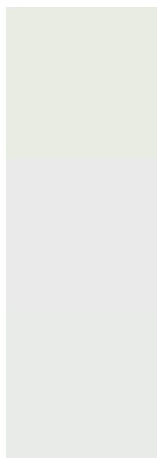
Original Color
93, 4.856, 126.952

Protanomaly
93, 4.738, 96.595

Deuteranomaly
93, 5.626, 35.541

Tritanomaly
93, 4.157, 295.349

Monochromacy



Original Color
93, 4.856, 126.952

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.700, 134.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 4.856, 126.952 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(232, 236, 227)` looks like.

```
.text, #text, p{  
    color:rgb(232, 236, 227)  
}
```

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(232, 236, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 236, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 4.856, 126.952 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(232, 236, 227) }
```

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

```
.border{ border-color:rgb(232, 236, 227) }
```

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

Here you see how a box with a 4 pixel rgb(232, 236, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 236, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 236, 227);  
box-shadow:4px 4px 4px 4px rgb(232, 236,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 4.856, 126.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 236, 227) }
```

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

```
.background{ background-color: rgb(232,  
236, 227) }
```

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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