

Converting Colors

CIELCh(93, 4.528, 127.766)

Have a look what the booklet for
CIELCh(93, 4.528, 127.766) contains.

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Color

CIELCh(93, 4.367, 128.952)

Conversions

Conversions Part 1

Format	Color
Hex	E8ECE4
RGB	232, 236, 228
RGB Percent	91%, 93%, 89%
CMY	0.0891, 0.0734, 0.1048
CMYK	0.02, 0.00, 0.03, 0.07
HSL	90°, 18%, 91%
HSV	90°, 3%, 93%
XYZ	77.4833, 82.9670, 85.5275
YIQ	233.8920, 0.1840, -3.3360

Conversions

Conversions Part 2

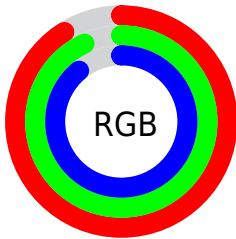
Format	Color
R _Y B	228, 236, 232
Decimal	15264996
CIE Lab	93.00, -2.75, 3.40
CIE LCh	93, 4.367, 128.952
Yxy	82.9670, 0.3150, 0.3373
Android (android.graphics.Color)	4293455076 (0xFFE8ECE4)
YUV	233.8920, -2.9048, -1.6593
Hunter-Lab	91.0862, -7.5583, 8.0887

Details

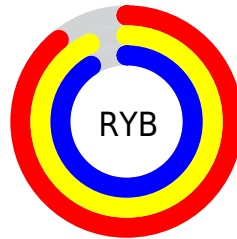
The CIELCh color `93, 4.367, 128.952` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `91, 4.409, 309.196`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 4.090, 131.397` is the 20% darker color. If you saturate the color by 10%, you get `92, 17.328, 128.483`, and if you desaturate by 10%, it is `94, 8.527, 309.338`.

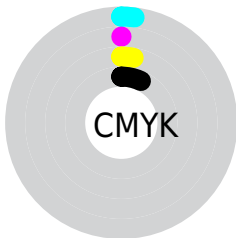
Distribution



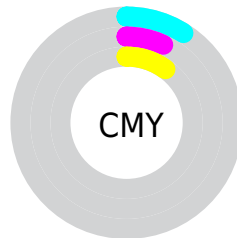
- Red (91%)
- Green (93%)
- Blue (89%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 4.367, 128.952 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, 4.367, 128.952 by changing the saturation by 10% instead.

93, 4.367, 128.952

93, 4.367, 128.952

100, 4.367,
128.952

83, 4.367, 128.952

73, 4.367, 128.952

63, 4.367, 128.952

53, 4.367, 128.952

43, 4.367, 128.952

33, 4.367, 128.952

23, 4.367, 128.952

13, 4.367, 128.952

3, 4.367, 128.952

93, 4.367, 128.952

93, 4.367, 128.952

92, 17.328,
128.483

94, 8.527, 309.338

90, 30.266,
127.999

95, 11.680,
324.821

89, 43.063,
127.508

88, 55.549,
127.037

87, 67.474,
126.631

86, 78.481,
126.365

85, 88.083,
126.345

85, 95.712,
126.700

■ 84, 100.928,
127.542

Harmonies

Complementary

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



93, 4.367, 128.952



91, 4.409, 309.196

Rectangle

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



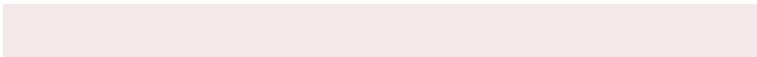
93, 4.367, 128.952



93, 4.367, 178.952



93, 4.367, 308.952



93, 4.367, 358.952

Sweetspot

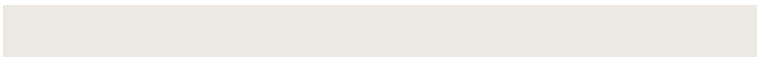
The Sweet Spot groups the original color and five complimentary colors.



93, 4.369, 128.962



100, 1.363, 129.139



92, 2.495, 74.842



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.



93, 4.369, 128.962



99, 5.490, 128.929



93, 5.037, 144.309



49, 3.646, 128.894



66, 84.343, 128.029



19, 33.735, 127.266

Inverse Universe

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



91, 4.409, 309.196



97, 5.540, 309.229



92, 5.057, 324.571



47, 3.680, 309.265



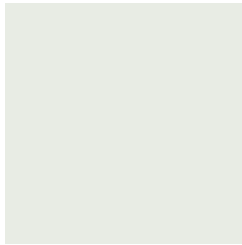
28, 96.470, 311.920



4, 37.679, 311.621

Previews

White Background



This preview shows how the CIE LCh color 93, 4.367, 128.952 looks on a white background.

Color Contrast Check

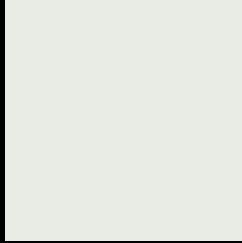
Large Text (above 18pt) WCAG AA × Fail

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, 4.367, 128.952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

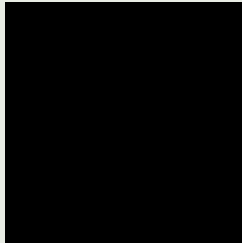
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

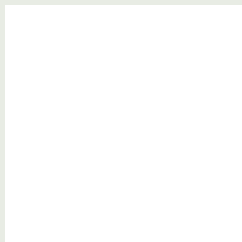
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 4.367, 128.952

Background



This preview shows how black text looks on a background with the CIELCh color 93, 4.367, 128.952.

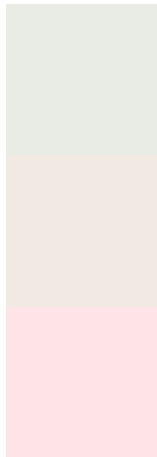


This preview shows how white text looks on a background with the CIELCh color 93, 4.367, 128.952.

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, 4.367, 128.952

Protanopia

93, 4.376, 74.615

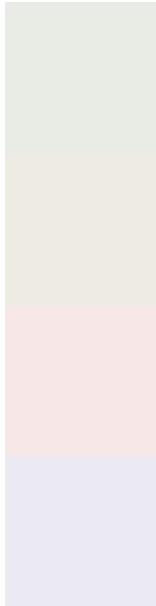
Deuteranopia

93, 9.905, 11.107



Tritanopia
93, 9.374, 297.245

Trichromacy



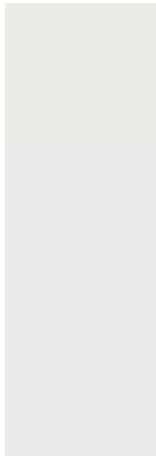
Original Color
93, 4.367, 128.952

Protanomaly
93, 4.237, 95.068

Deuteranomaly
93, 5.792, 24.781

Tritanomaly
93, 4.671, 294.848

Monochromacy



Original Color
93, 4.367, 128.952

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, 4.367, 128.952 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 236, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 236, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 4.367, 128.952 is called "border". The border property can be set on classes, ids or directly on the HTML element.

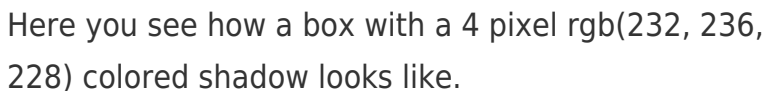
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 236, 228) }
```

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

```
.border{ border-color:rgb(232, 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(232, 236, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 236, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 236, 228); box-shadow:4px 4px 4px 4px rgb(232, 236, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 4.367, 128.952 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, 228) }
```

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

```
.background{ background-color: rgb(232,  
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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