

Converting Colors

CIE LCh(93, 2.161, 126.199)

Have a look what the booklet for
CIELCh(93, 2.161, 126.199) contains.

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Color

CIELCh(93, 2.669, 125.435)

Conversions

Conversions Part 1

Format	Color
Hex	EAECE7
RGB	234, 236, 231
RGB Percent	92%, 93%, 91%
CMY	0.0837, 0.0759, 0.0955
CMYK	0.01, 0.00, 0.02, 0.08
HSL	84°, 11%, 91%
HSV	84°, 2%, 92%
XYZ	78.0811, 82.9670, 87.2372
YIQ	234.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

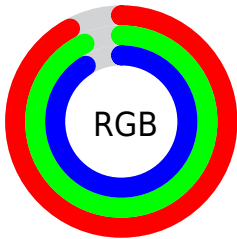
Format	Color
R _Y B	231, 236, 233
Decimal	15396071
CIE Lab	93.00, -1.55, 2.17
CIE LCh	93, 2.669, 125.435
Yxy	82.9670, 0.3145, 0.3342
Android (android.graphics.Color)	4293586151 (0xFFEAECE7)
YUV	234.8320, -1.8892, -0.7297
Hunter-Lab	91.0862, -6.3869, 6.9758

Details

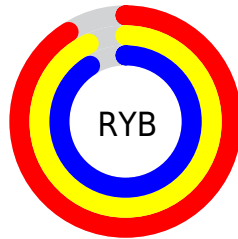
The CIELCh color **93, 2.669, 125.435** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **92, 2.701, 305.589**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 2.811, 125.397** is the 20% darker color. If you saturate the color by 10%, you get **92, 15.319, 124.926**, and if you desaturate by 10%, it is **94, 9.940, 305.879**.

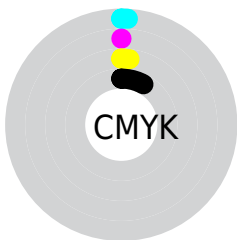
Distribution



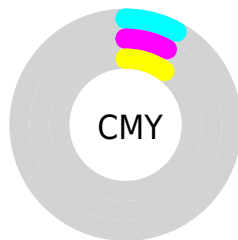
- Red (92%)
- Green (93%)
- Blue (91%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (8%)



- Cyan (8%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 2.669, 125.435 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, 2.669, 125.435 by changing the saturation by 10% instead.

93, 2.669, 125.435

93, 2.669, 125.435

100, 2.669,
125.435

83, 2.669, 125.435

73, 2.669, 125.435

63, 2.669, 125.435

53, 2.669, 125.435

43, 2.669, 125.435

33, 2.669, 125.435

23, 2.669, 125.435

13, 2.669, 125.435

3, 2.669, 125.435

93, 2.669, 125.435

93, 2.669, 125.435

92, 15.319,
124.926

94, 9.940, 305.879

91, 27.927,
124.405

95, 11.611,
321.254

90, 40.391,
123.883

95, 12.075,
324.836

89, 52.552,
123.387

88, 64.183,
122.961

87, 74.945,
122.672

86, 84.373,
122.620

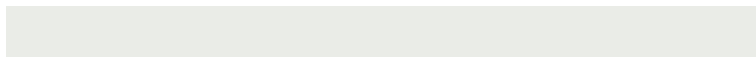
86, 91.906,
122.927

■ 85, 97.077,
123.707

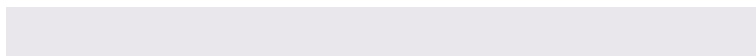
Harmonies

Complementary

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



93, 2.669, 125.435



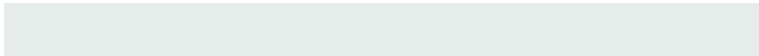
92, 2.701, 305.589

Rectangle

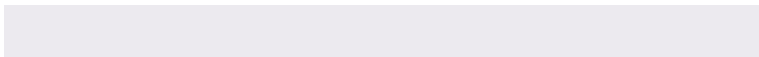
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 2.669, 125.435



93, 2.669, 175.435



93, 2.669, 305.435



93, 2.669, 355.435

Sweetspot

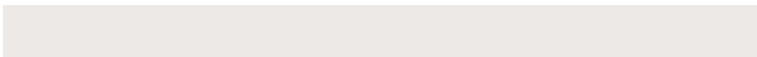
The Sweet Spot groups the original color and five complimentary colors.



93, 2.671, 125.454



100, 1.335, 125.548



92, 1.473, 63.340



53, 0.759, 125.554



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

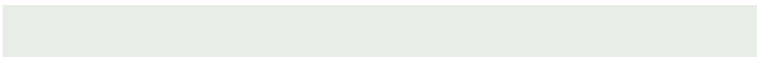
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 2.671, 125.454



100, 4.030, 125.400



93, 3.043, 141.697



49, 2.855, 125.357



67, 81.616, 124.344



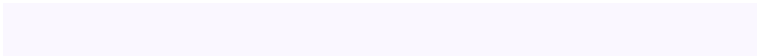
20, 32.750, 123.508

Inverse Universe

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



92, 2.701, 305.589



98, 4.071, 305.643



92, 3.064, 321.731



48, 2.884, 305.687



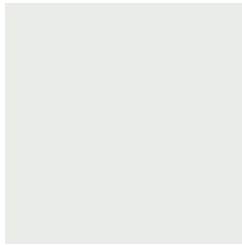
26, 98.515, 309.891



4, 37.159, 308.316

Previews

White Background



This preview shows how the CIELCh color 93, 2.669, 125.435 looks on a white background.

Color Contrast Check

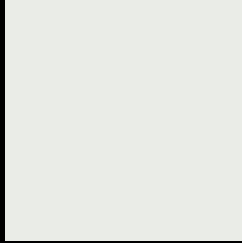
Large Text (above 18pt) WCAG AA × Fail

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, 2.669, 125.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

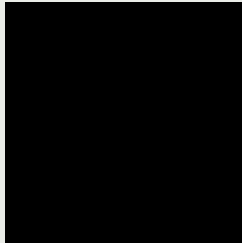
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

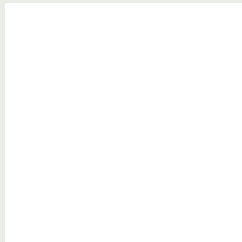
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 2.669, 125.435

Background



This preview shows how black text looks on a background with the CIELCh color 93, 2.669, 125.435.

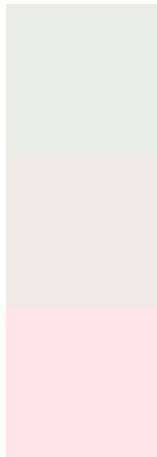


This preview shows how white text looks on a background with the CIELCh color 93, 2.669, 125.435.

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, 2.669, 125.435

Protanopia

93, 2.959, 63.299

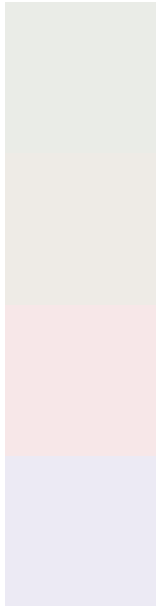
Deuteranopia

93, 10.091, 5.329



Tritanopia
93, 9.423, 299.332

Trichromacy



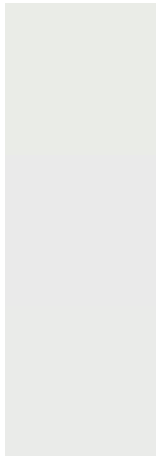
Original Color
93, 2.669, 125.435

Protanomaly
93, 2.770, 87.116

Deuteranomaly
93, 5.781, 14.602

Tritanomaly
93, 5.225, 298.274

Monochromacy



Original Color
93, 2.669, 125.435

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.084, 129.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 2.669, 125.435 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(234, 236, 231)` looks like.

```
.text, #text, p{  
    color:rgb(234, 236, 231)  
}
```

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(234, 236, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 236, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 2.669, 125.435 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(234, 236, 231) }
```

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

```
.border{ border-color:rgb(234, 236, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 236, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 236, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 236, 231);  
box-shadow:4px 4px 4px 4px rgb(234, 236,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 2.669, 125.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 236, 231) }
```

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

```
.background{ background-color: rgb(234,  
236, 231) }
```

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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