

Converting Colors

CIELCh(93, 2.845, 118.132)

Have a look what the booklet for
CIELCh(93, 2.845, 118.132) contains.

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Color

CIELCh(93, 2.594, 117.856)

Conversions

Conversions Part 1

Format	Color
Hex	EAEBE6
RGB	234, 235, 230
RGB Percent	92%, 92%, 90%
CMY	0.0807, 0.0767, 0.0963
CMYK	0.00, 0.00, 0.02, 0.08
HSL	72°, 11%, 91%
HSV	72°, 2%, 92%
XYZ	78.2489, 82.9670, 87.0699
YIQ	234.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

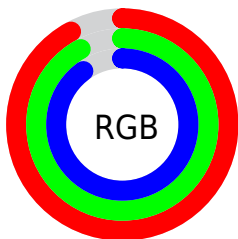
Format	Color
R _Y B	230, 235, 231
Decimal	15395814
CIE Lab	93.00, -1.21, 2.29
CIE LCh	93, 2.594, 117.856
Yxy	82.9670, 0.3152, 0.3342
Android (android.graphics.Color)	4293585894 (0xFFEAEBE6)
YUV	234.1310, -2.0366, -0.1149
Hunter-Lab	91.0862, -6.0579, 7.0847

Details

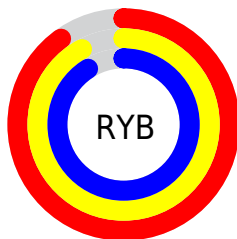
The CIELCh color **93, 2.594, 117.856** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **92, 2.629, 298.159**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 2.197, 119.787** is the 20% darker color. If you saturate the color by 10%, you get **92, 14.840, 117.195**, and if you desaturate by 10%, it is **94, 9.664, 298.535**.

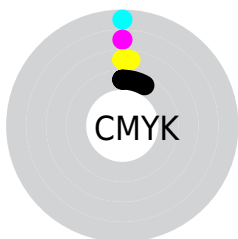
Distribution



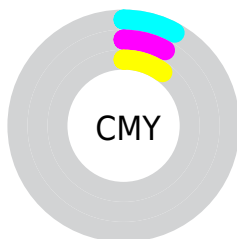
- Red (92%)
- Green (92%)
- Blue (90%)



- Red (90%)
- Yellow (92%)
- Blue (91%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 2.594, 117.856 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, 2.594, 117.856 by changing the saturation by 10% instead.

■ 93, 2.594, 117.856

■ 93, 2.594, 117.856

■ 100, 2.594,
117.856

■ 83, 2.594, 117.856

■ 73, 2.594, 117.856

■ 63, 2.594, 117.856

■ 53, 2.594, 117.856

■ 43, 2.594, 117.856

■ 33, 2.594, 117.856

■ 23, 2.594, 117.856

■ 13, 2.594, 117.856

■ 3, 2.594, 117.856

93, 2.594, 117.856

93, 2.594, 117.856

92, 14.840,
117.195

94, 9.664, 298.535

91, 26.999,
116.500

94, 10.533,
307.008

91, 38.972,
115.810

95, 11.111,
315.181

90, 50.607,
115.152

95, 11.890,
322.484

89, 61.675,
114.565

95, 12.208,
324.840

89, 71.833,
114.106

88, 80.603,
113.851

88, 87.413,
113.895

■ 87, 91.793,
114.324

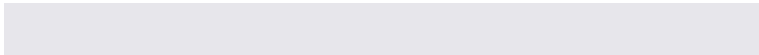
Harmonies

Complementary

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



93, 2.594, 117.856



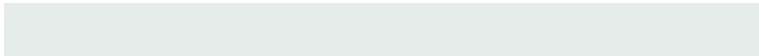
92, 2.629, 298.159

Rectangle

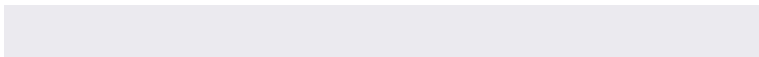
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



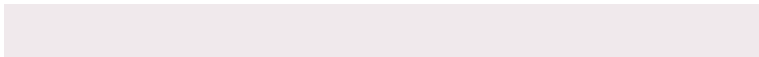
93, 2.594, 117.856



93, 2.594, 167.856



93, 2.594, 297.856



93, 2.594, 347.856

Sweetspot

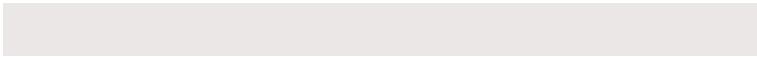
The Sweet Spot groups the original color and five complimentary colors.



93, 2.596, 117.882



100, 1.297, 117.963



92, 1.513, 39.028



53, 0.737, 117.967



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

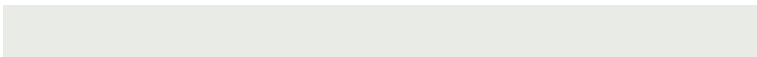
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 2.596, 117.882



100, 3.913, 117.821



93, 2.870, 135.717



49, 2.772, 117.768



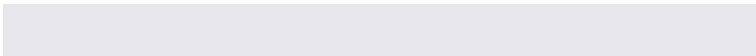
69, 76.911, 114.727



20, 31.193, 114.297

Inverse Universe

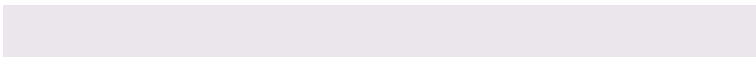
The Inverse Universe completely reimagines the original color for something new.



92, 2.629, 298.159



98, 3.959, 298.222



92, 2.894, 315.752



48, 2.805, 298.277



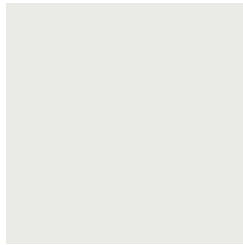
23, 101.895, 307.274



3, 36.244, 302.460

Previews

White Background



This preview shows how the CIELCh color 93, 2.594, 117.856 looks on a white background.

Color Contrast Check

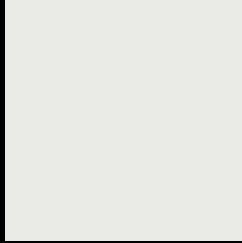
Large Text (above 18pt) WCAG AA × Fail

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, 2.594, 117.856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

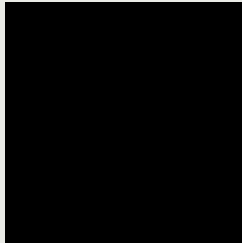
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

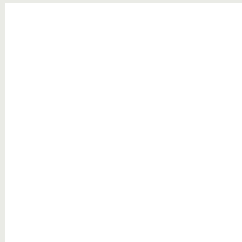
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 2.594, 117.856

Background



This preview shows how black text looks on a background with the CIELCh color 93, 2.594, 117.856.



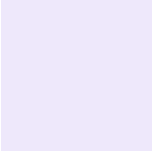
This preview shows how white text looks on a background with the CIELCh color 93, 2.594, 117.856.

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](#).

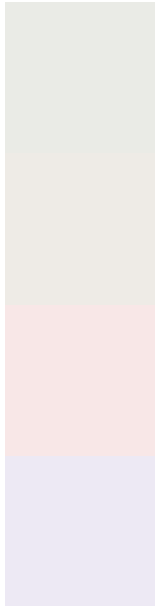
Dichromacy





Tritanopia
93, 10.068, 302.824

Trichromacy



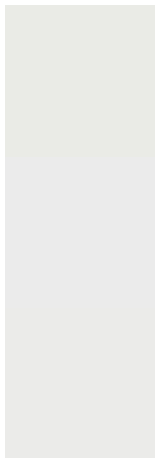
Original Color
93, 2.594, 117.856

Protanomaly
93, 2.770, 87.116

Deuteranomaly
93, 6.128, 19.728

Tritanomaly
93, 5.876, 304.391

Monochromacy



Original Color
93, 2.594, 117.856

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.019, 110.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 2.594, 117.856 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, 235, 230)` looks like.

```
.text, #text, p{  
    color:rgb(234, 235, 230)  
}
```

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, 235, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 235, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 2.594, 117.856 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, 235, 230) }
```

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

```
.border{ border-color:rgb(234, 235, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 235, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 235, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 235, 230);  
box-shadow:4px 4px 4px 4px rgb(234, 235,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 2.594, 117.856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 235, 230) }
```

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

```
.background{ background-color: rgb(234,  
235, 230) }
```

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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