

Converting Colors

CIELCh(93, 4.366, 111.884)

Have a look what the booklet for
CIELCh(93, 4.366, 111.884) contains.

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Color

CIELCh(93, 4.639, 114.236)

Conversions

Conversions Part 1

Format	Color
Hex	EBECE3
RGB	235, 236, 227
RGB Percent	92%, 93%, 89%
CMY	0.0796, 0.0756, 0.1109
CMYK	0.00, 0.00, 0.04, 0.08
HSL	67°, 19%, 91%
HSV	67°, 4%, 92%
XYZ	77.9027, 82.9670, 84.3731
YIQ	234.6750, 2.2930, -3.0110

Conversions

Conversions Part 2

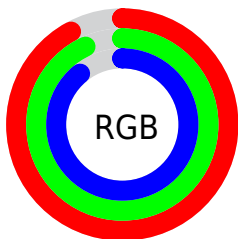
Format	Color
RYB	227, 236, 228
Decimal	15461603
CIELab	93.00, -1.90, 4.23
CIELCh	93, 4.639, 114.236
Yxy	82.9670, 0.3177, 0.3383
Android (android.graphics.Color)	4293651683 (0xFFEBECE3)
YUV	234.6750, -3.7838, 0.2850
Hunter-Lab	91.0862, -6.7365, 8.8401

Details

The CIELCh color **93, 4.639, 114.236** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 4.700, 294.874**, 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, 4.343, 114.744** is the 20% darker color. If you saturate the color by 10%, you get **92, 16.788, 113.454**, and if you desaturate by 10%, it is **94, 7.544, 295.043**.

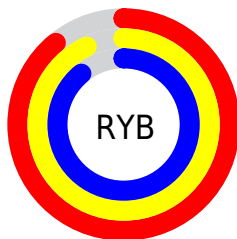
Distribution



Red (92%)

Green (93%)

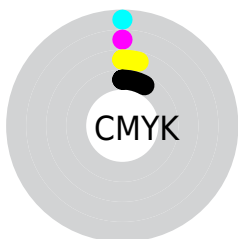
Blue (89%)



Red (89%)

Yellow (93%)

Blue (89%)

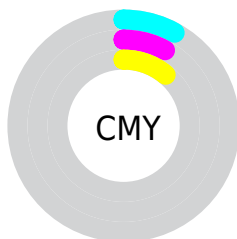


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (8%)



Cyan (8%)

Magenta (8%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 4.639, 114.236 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, 4.639, 114.236 by changing the saturation by 10% instead.

93, 4.639, 114.236

93, 4.639, 114.236

100, 4.639,
114.236

83, 4.639, 114.236

73, 4.639, 114.236

63, 4.639, 114.236

53, 4.639, 114.236

43, 4.639, 114.236

33, 4.639, 114.236

23, 4.639, 114.236

13, 4.639, 114.236

3, 4.639, 114.236

93, 4.639, 114.236

93, 4.639, 114.236

92, 16.788,
113.454

94, 7.544, 295.043

92, 28.825,
112.644

94, 10.070,
299.302

91, 40.646,
111.844

94, 10.251,
304.325

90, 52.086,
111.080

95, 10.506,
309.164

90, 62.895,
110.387

95, 10.833,
313.766

90, 72.701,
109.816

95, 11.225,
318.094

89, 80.995,
109.432

95, 11.677,
322.130

89, 87.198,
109.307

95, 12.033,
324.834

■ 89, 90.888,
109.499

Harmonies

Complementary

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



93, 4.639, 114.236



90, 4.700, 294.874

Rectangle

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



93, 4.639, 114.236



93, 4.639, 164.236



93, 4.639, 294.236



93, 4.639, 344.236

Sweetspot

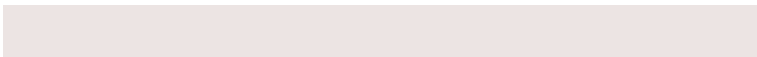
The Sweet Spot groups the original color and five complimentary colors.



93, 4.641, 114.253



100, 1.287, 114.460



91, 2.945, 28.483



53, 0.731, 114.463



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, 4.641, 114.253



100, 6.479, 114.159



93, 5.036, 132.360



49, 4.128, 114.107



70, 75.593, 109.639



21, 30.802, 109.613

Inverse Universe

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



90, 4.700, 294.874



96, 6.570, 294.974



91, 5.075, 312.608



47, 4.190, 295.029



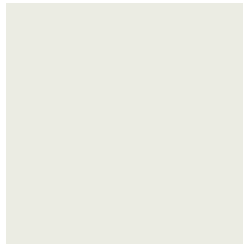
22, 102.825, 306.677



3, 35.987, 300.382

Previews

White Background



This preview shows how the CIELCh color 93, 4.639, 114.236 looks on a white background.

Color Contrast Check

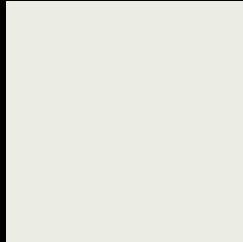
Large Text (above 18pt) WCAG AA × Fail

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, 4.639, 114.236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

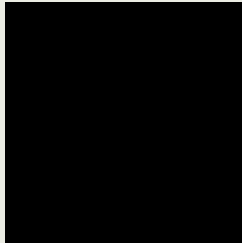
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

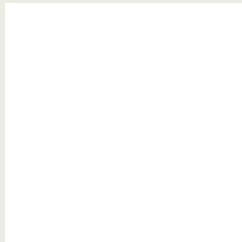
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 4.639, 114.236

Background



This preview shows how black text looks on a background with the CIELCh color 93, 4.639, 114.236.

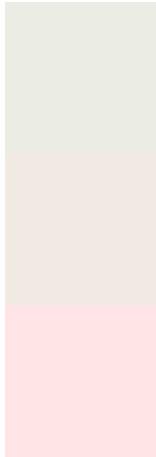


This preview shows how white text looks on a background with the CIELCh color 93, 4.639, 114.236.

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](#).

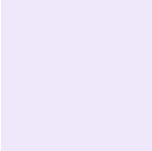
Dichromacy



Original Color
93, 4.639, 114.236

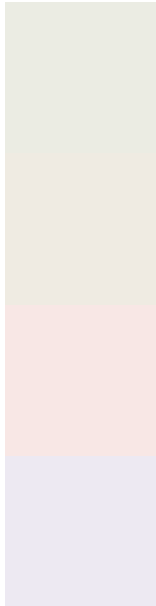
Protanopia
93, 4.809, 78.083

Deuteranopia
93, 9.448, 16.893



Tritanopia
93, 9.564, 303.443

Trichromacy



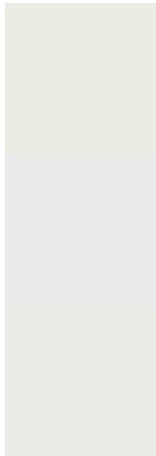
Original Color
93, 4.639, 114.236

Protanomaly
93, 4.830, 92.404

Deuteranomaly
93, 6.227, 29.213

Tritanomaly
93, 4.880, 307.254

Monochromacy



Original Color
93, 4.639, 114.236

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.085, 119.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 4.639, 114.236 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 236, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 236, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 4.639, 114.236 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, 227) }
```

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

```
.border{ border-color:rgb(235, 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(235, 236, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 236, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 236, 227);  
box-shadow:4px 4px 4px 4px rgb(235, 236,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 4.639, 114.236 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, 227) }
```

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

```
.background{ background-color: rgb(235,  
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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