

Converting Colors

CIELCh(93, 8.512, 99.918)

Have a look what the booklet for
CIELCh(93, 8.512, 99.918) contains.

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Color

CIELCh(93, 8.340, 99.430)

Conversions

Conversions Part 1

Format	Color
Hex	EFEBDB
RGB	239, 235, 219
RGB Percent	94%, 92%, 86%
CMY	0.0623, 0.0780, 0.1408
CMYK	0.00, 0.02, 0.08, 0.06
HSL	48°, 39%, 90%
HSV	48°, 8%, 94%
XYZ	78.1716, 82.9670, 78.9844
YIQ	234.3720, 7.5200, -4.1280

Conversions

Conversions Part 2

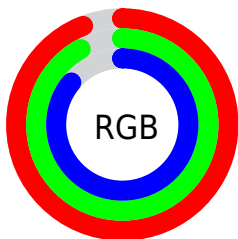
Format	Color
RYB	224, 239, 219
Decimal	15723483
CIELab	93.00, -1.37, 8.23
CIElCh	93, 8.340, 99.430
Yxy	82.9670, 0.3255, 0.3455
Android (android.graphics.Color)	4293913563 (0xFFEFEBDB)
YUV	234.3720, -7.5784, 4.0588
Hunter-Lab	91.0862, -6.2095, 12.3477

Details

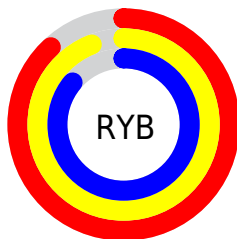
The CIELCh color **93, 8.340, 99.430** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89, 8.432, 281.435**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 8.246, 98.571** is the 20% darker color. If you saturate the color by 10%, you get **91, 18.394, 98.284**, and if you desaturate by 10%, it is **95, 1.636, 280.708**.

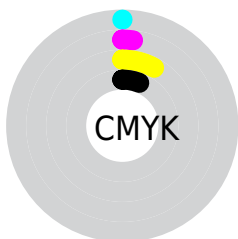
Distribution



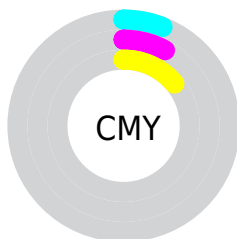
- Red (94%)
- Green (92%)
- Blue (86%)



- Red (88%)
- Yellow (94%)
- Blue (86%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (6%)



- Cyan (6%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 8.340, 99.430 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, 8.340, 99.430 by changing the saturation by 10% instead.

 93, 8.340, 99.430	 93, 8.340, 99.430
 100, 8.340, 99.430	 83, 8.340, 99.430
	 73, 8.340, 99.430
	 63, 8.340, 99.430
	 53, 8.340, 99.430
	 43, 8.340, 99.430
	 33, 8.340, 99.430
	 23, 8.340, 99.430
	 13, 8.340, 99.430
	 3, 8.340, 99.430

93, 8.340, 99.430

93, 8.340, 99.430

91, 18.394, 98.284

95, 1.636, 280.708

90, 28.481, 97.085

96, 5.600, 270.652

88, 38.526, 95.859

97, 4.510, 238.426

86, 48.392, 94.614

99, 5.205, 203.588

85, 57.842, 93.355

99, 5.465, 199.180

84, 66.477, 92.081

82, 73.689, 90.773

81, 78.702, 89.389

80, 81.016, 87.863

Harmonies

Complementary

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



93, 8.340, 99.430



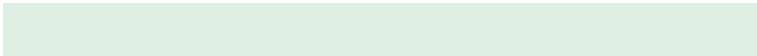
89, 8.432, 281.435

Rectangle

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



93, 8.340, 99.430



93, 8.340, 149.430



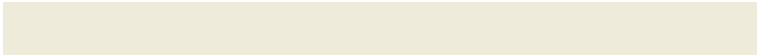
93, 8.340, 279.430



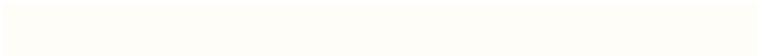
93, 8.340, 329.430

Sweetspot

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



93, 8.342, 99.444



99, 3.137, 100.017



89, 7.559, 3.957



53, 2.381, 99.939



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



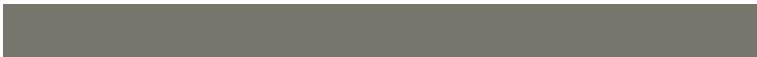
93, 8.342, 99.444



98, 10.516, 99.254



94, 10.506, 121.329



49, 5.681, 99.318



62, 66.776, 87.899



19, 26.954, 90.293

Inverse Universe

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



89, 8.432, 281.435



93, 10.643, 281.646



88, 10.687, 302.293



47, 5.747, 281.575



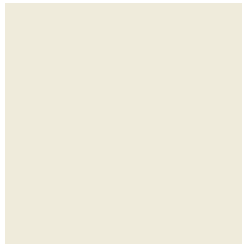
26, 91.432, 302.435



5, 32.590, 294.820

Previews

White Background



This preview shows how the CIELCh color 93, 8.340, 99.430 looks on a white background.

Color Contrast Check

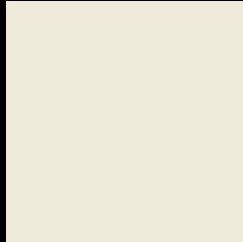
Large Text (above 18pt) WCAG AA × Fail

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, 8.340, 99.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

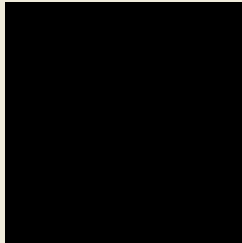
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

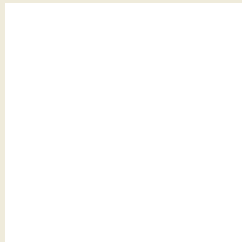
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 8.340, 99.430

Background



This preview shows how black text looks on a background with the CIELCh color 93, 8.340, 99.430.

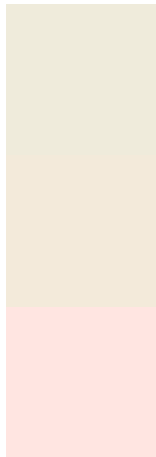


This preview shows how white text looks on a background with the CIELCh color 93, 8.340, 99.430.

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, 8.340, 99.430

Protanopia

93, 8.846, 87.600

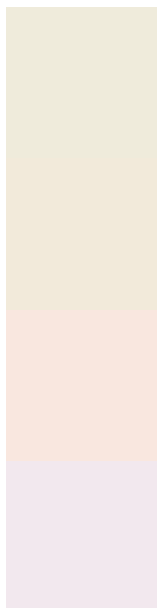
Deuteranopia

93, 9.728, 32.147



Tritanopia
93, 10.247, 314.951

Trichromacy



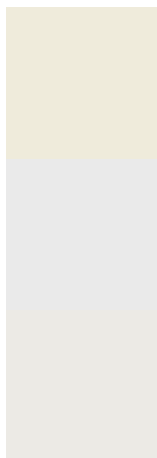
Original Color
93, 8.340, 99.430

Protanomaly
93, 8.716, 89.854

Deuteranomaly
93, 7.748, 51.720

Tritanomaly
93, 4.739, 338.851

Monochromacy



Original Color
93, 8.340, 99.430

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.657, 94.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 8.340, 99.430 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(239, 235, 219)` looks like.

```
.text, #text, p{  
    color:rgb(239, 235, 219)  
}
```

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(239, 235, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 235, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 8.340, 99.430 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(239, 235, 219) }
```

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

```
.border{ border-color:rgb(239, 235, 219) }
```

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

Here you see how a box with a 4 pixel rgb(239, 235, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 235, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 235, 219);  
box-shadow:4px 4px 4px 4px rgb(239, 235,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 8.340, 99.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 235, 219) }
```

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

```
.background{ background-color: rgb(239,  
235, 219) }
```

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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