

Converting Colors

CIELCh(93, 9.923, 101.256)

Have a look what the booklet for
CIELCh(93, 9.923, 101.256) contains.

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Color

CIELCh(93, 9.863, 100.837)

Conversions

Conversions Part 1

Format	Color
Hex	EFEBD8
RGB	239, 235, 216
RGB Percent	94%, 92%, 85%
CMY	0.0615, 0.0772, 0.1518
CMYK	0.00, 0.02, 0.10, 0.06
HSL	50°, 42%, 89%
HSV	50°, 10%, 94%
XYZ	77.9276, 82.9670, 77.0751
YIQ	234.0300, 8.4830, -5.0610

Conversions

Conversions Part 2

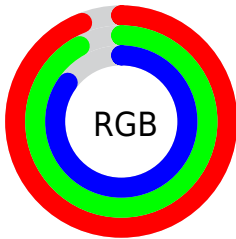
Format	Color
R _Y B	221, 239, 216
Decimal	15723480
CIE Lab	93.00, -1.85, 9.69
CIE LCh	93, 9.863, 100.837
Yxy	82.9670, 0.3275, 0.3486
Android (android.graphics.Color)	4293913560 (0xFFEFEBD8)
YUV	234.0300, -8.8888, 4.3587
Hunter-Lab	91.0862, -6.6876, 13.5905

Details

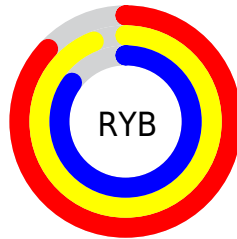
The CIELCh color **93, 9.863, 100.837** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 9.999, 283.088**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.846, 100.128** is the 20% darker color. If you saturate the color by 10%, you get **91, 20.187, 99.709**, and if you desaturate by 10%, it is **95, 0.407, 282.381**.

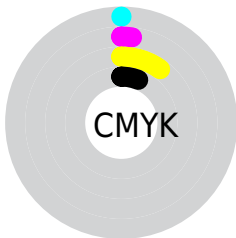
Distribution



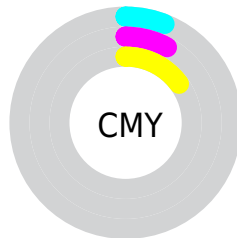
- Red (94%)
- Green (92%)
- Blue (85%)



- Red (87%)
- Yellow (94%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (6%)



- Cyan (6%)
- Magenta (8%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.863, 100.837 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, 9.863, 100.837 by changing the saturation by 10% instead.

 93, 9.863, 100.837

 93, 9.863, 100.837

 100, 9.863,
100.837

 83, 9.863, 100.837

 73, 9.863, 100.837

 63, 9.863, 100.837

 53, 9.863, 100.837

 43, 9.863, 100.837

 33, 9.863, 100.837

 23, 9.863, 100.837

 13, 9.863, 100.837

 3, 9.863, 100.837

93, 9.863, 100.837

93, 9.863, 100.837

91, 20.187, 99.709

95, 0.407, 282.381

90, 30.509, 98.536

96, 5.997, 276.308

89, 40.742, 97.344

97, 4.665, 251.817

87, 50.728, 96.141

98, 4.591, 219.201

86, 60.202, 94.936

99, 5.398, 199.186

85, 68.729, 93.732

83, 75.674, 92.520

82, 80.284, 91.268

81, 82.292, 89.932

Harmonies

Complementary

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



93, 9.863, 100.837



88, 9.999, 283.088

Rectangle

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



93, 9.863, 100.837



93, 9.863, 150.837



93, 9.863, 280.837



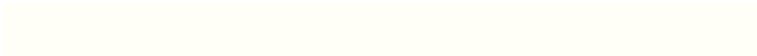
93, 9.863, 330.837

Sweetspot

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



93, 9.865, 100.849



99, 3.226, 101.552



88, 8.672, 5.361



53, 2.448, 101.474



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, 9.865, 100.849



98, 12.977, 100.576



93, 12.114, 121.896



49, 5.838, 100.864



64, 67.614, 90.126



19, 27.531, 92.303

Inverse Universe

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



88, 9.999, 283.088



91, 13.188, 283.399



88, 12.344, 302.981



47, 5.917, 283.071



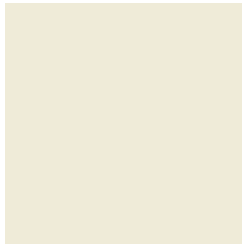
25, 93.909, 303.234



4, 33.276, 295.416

Previews

White Background



This preview shows how the CIELCh color 93, 9.863, 100.837 looks on a white background.

Color Contrast Check

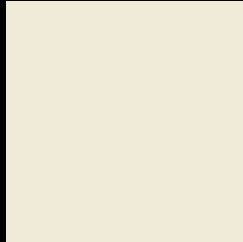
Large Text (above 18pt) WCAG AA × Fail

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, 9.863, 100.837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

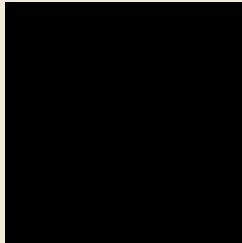
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

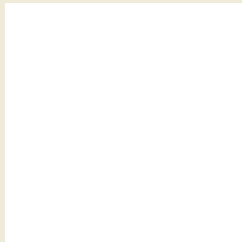
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.863, 100.837

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.863, 100.837.

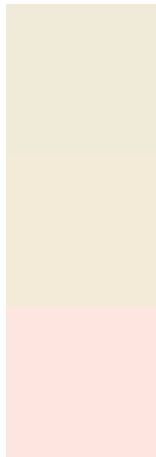


This preview shows how white text looks on a background with the CIELCh color 93, 9.863, 100.837.

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, 9.863, 100.837

Protanopia

93, 9.942, 87.692

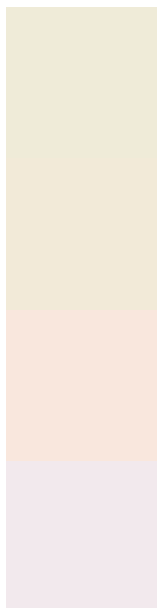
Deuteranopia

93, 9.866, 35.032



Tritanopia
93, 10.397, 316.717

Trichromacy



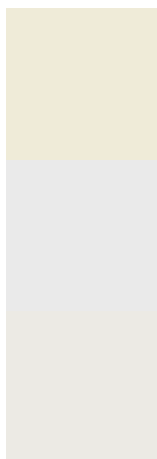
Original Color
93, 9.863, 100.837

Protanomaly
93, 9.695, 91.768

Deuteranomaly
93, 8.358, 57.592

Tritanomaly
93, 3.829, 346.950

Monochromacy



Original Color
93, 9.863, 100.837

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.157, 96.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.863, 100.837 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(239, 235, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 235, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.863, 100.837 is called "border". The border property can be set on classes, ids or directly on the HTML element.

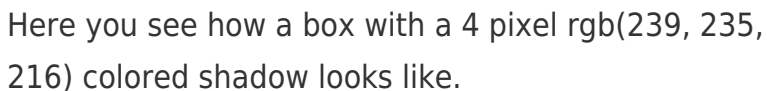
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 235, 216) }
```

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

```
.border{ border-color:rgb(239, 235, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 235, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 235, 216); box-shadow:4px 4px 4px 4px rgb(239, 235, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.863, 100.837 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, 216) }
```

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

```
.background{ background-color: rgb(239,  
235, 216) }
```

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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