

Converting Colors

CIELCh(93, 9.860, 98.128)

Have a look what the booklet for
CIELCh(93, 9.860, 98.128) contains.

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Color

CIELCh(93, 9.922, 98.732)

Conversions

Conversions Part 1

Format	Color
Hex	F0EBD8
RGB	240, 235, 216
RGB Percent	94%, 92%, 85%
CMY	0.0585, 0.0781, 0.1526
CMYK	0.00, 0.02, 0.10, 0.06
HSL	48°, 45%, 89%
HSV	48°, 10%, 94%
XYZ	78.1016, 82.9670, 76.9197
YIQ	234.3290, 9.0790, -4.8490

Conversions

Conversions Part 2

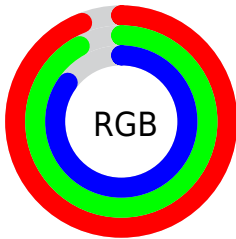
Format	Color
R _Y B	222, 240, 216
Decimal	15789016
CIE Lab	93.00, -1.51, 9.81
CIE LCh	93, 9.922, 98.732
Yxy	82.9670, 0.3282, 0.3486
Android (android.graphics.Color)	4293979096 (0xFFFF0EBD8)
YUV	234.3290, -9.0362, 4.9735
Hunter-Lab	91.0862, -6.3466, 13.6917

Details

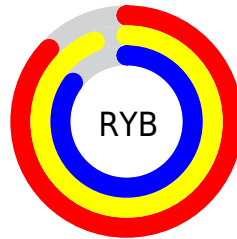
The CIELCh color **93, 9.922, 98.732** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 10.037, 281.144**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.913, 97.896** is the 20% darker color. If you saturate the color by 10%, you get **91, 19.938, 97.568**, and if you desaturate by 10%, it is **95, 0.014, 293.109**.

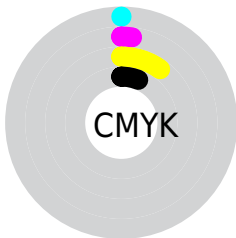
Distribution



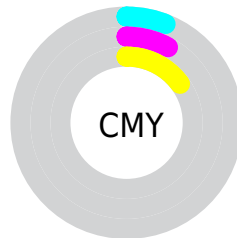
- Red (94%)
- Green (92%)
- Blue (85%)



- 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, 9.922, 98.732 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, 9.922, 98.732 by changing the saturation by 10% instead.

 93, 9.922, 98.732	 93, 9.922, 98.732
 100, 9.922, 98.732	 83, 9.922, 98.732
	 73, 9.922, 98.732
	 63, 9.922, 98.732
	 53, 9.922, 98.732
	 43, 9.922, 98.732
	 33, 9.922, 98.732
	 23, 9.922, 98.732
	 13, 9.922, 98.732
	 3, 9.922, 98.732

93, 9.922, 98.732

93, 9.922, 98.732

91, 19.938, 97.568

95, 0.014, 293.109

90, 29.987, 96.353

96, 5.337, 271.784

88, 39.987, 95.112

98, 4.225, 235.891

86, 49.792, 93.850

99, 5.134, 199.209

85, 59.144, 92.572

83, 67.617, 91.270

82, 74.561, 89.921

81, 79.186, 88.470

79, 81.232, 86.861

Harmonies

Complementary

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



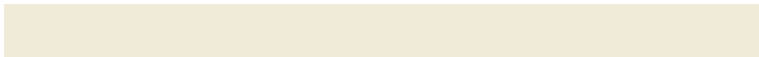
93, 9.922, 98.732



88, 10.037, 281.144

Rectangle

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



93, 9.922, 98.732



93, 9.922, 148.732



93, 9.922, 278.732



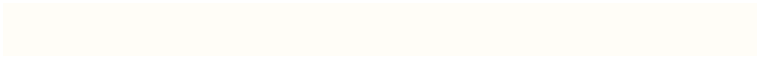
93, 9.922, 328.732

Sweetspot

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



93, 9.924, 98.744



99, 3.109, 99.507



88, 9.157, 2.881



53, 2.360, 99.428



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, 9.924, 98.744



98, 12.522, 98.508



94, 12.566, 120.589



49, 5.631, 98.804



62, 66.532, 87.171



19, 26.776, 89.628

Inverse Universe

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



88, 10.037, 281.144



92, 12.686, 281.413



88, 12.822, 301.789



47, 5.694, 281.077



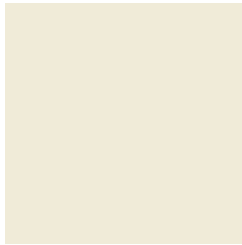
26, 90.596, 302.156



5, 32.359, 294.614

Previews

White Background



This preview shows how the CIELCh color 93, 9.922, 98.732 looks on a white background.

Color Contrast Check

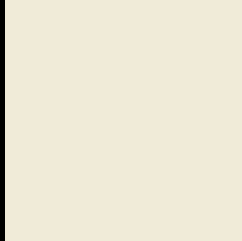
Large Text (above 18pt) WCAG AA × Fail

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, 9.922, 98.732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

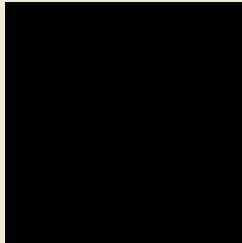
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

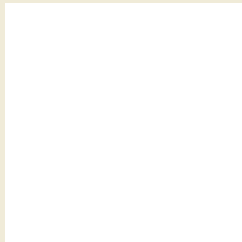
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.922, 98.732

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.922, 98.732.

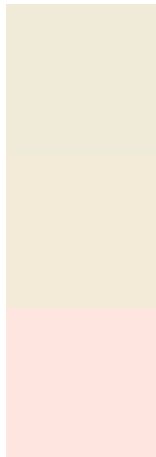


This preview shows how white text looks on a background with the CIELCh color 93, 9.922, 98.732.

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

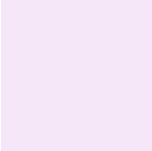
93, 9.922, 98.732

Protanopia

93, 9.942, 87.692

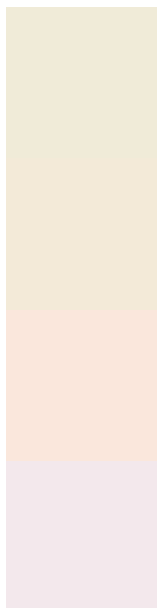
Deuteranopia

93, 10.028, 37.829



Tritanopia
93, 10.732, 320.106

Trichromacy



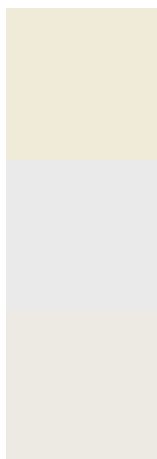
Original Color
93, 9.922, 98.732

Protanomaly
93, 9.812, 89.705

Deuteranomaly
93, 8.980, 58.665

Tritanomaly
93, 4.450, 351.999

Monochromacy



Original Color
93, 9.922, 98.732

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.660, 98.546

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.922, 98.732 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(240, 235, 216)` looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 235, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 235, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.922, 98.732 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(240, 235, 216) }
```

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

```
.border{ border-color:rgb(240, 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(240, 235, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 235, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 235, 216);  
box-shadow:4px 4px 4px 4px rgb(240, 235,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.922, 98.732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 235, 216) }
```

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

```
.background{ background-color: rgb(240,  
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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