

Converting Colors

CIELCh(93, 10.560, 98.936)

Have a look what the booklet for
CIELCh(93, 10.560, 98.936) contains.

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Color

CIELCh(93, 10.428, 99.197)

Conversions

Conversions Part 1

Format	Color
Hex	F0EBD7
RGB	240, 235, 215
RGB Percent	94%, 92%, 84%
CMY	0.0582, 0.0778, 0.1563
CMYK	0.00, 0.02, 0.10, 0.06
HSL	48°, 46%, 89%
HSV	48°, 10%, 94%
XYZ	78.0214, 82.9670, 76.2906
YIQ	234.2150, 9.4000, -5.1600

Conversions

Conversions Part 2

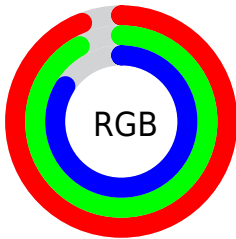
Format	Color
RYB	221, 240, 215
Decimal	15789015
CIELab	93.00, -1.67, 10.29
CIELCh	93, 10.428, 99.197
Yxy	82.9670, 0.3288, 0.3497
Android (android.graphics.Color)	4293979095 (0xFFFF0EBD7)
YUV	234.2150, -9.4730, 5.0734
Hunter-Lab	91.0862, -6.5038, 14.1012

Details

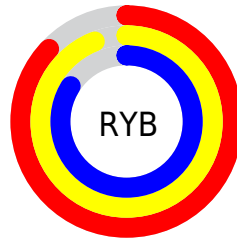
The CIELCh color **93, 10.428, 99.197** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 10.559, 281.693**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 10.444, 98.404** is the 20% darker color. If you saturate the color by 10%, you get **91, 20.529, 98.038**, and if you desaturate by 10%, it is **95, 0.400, 99.917**.

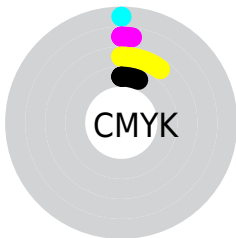
Distribution



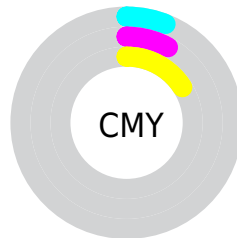
- Red (94%)
- Green (92%)
- Blue (84%)



- Red (87%)
- Yellow (94%)
- Blue (84%)



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



- Cyan (6%)
- Magenta (8%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 10.428, 99.197 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, 10.428, 99.197 by changing the saturation by 10% instead.

 93, 10.428, 99.197

 93, 10.428, 99.197

 100, 10.428,
99.197

 83, 10.428, 99.197

 73, 10.428, 99.197

 63, 10.428, 99.197

 53, 10.428, 99.197

 43, 10.428, 99.197

 33, 10.428, 99.197

 23, 10.428, 99.197

 13, 10.428, 99.197

 3, 10.428, 99.197

93, 10.428, 99.197

93, 10.428, 99.197

91, 20.529, 98.038

95, 0.400, 99.917

90, 30.650, 96.832

96, 5.461, 273.741

88, 40.707, 95.601

98, 4.233, 240.562

86, 50.546, 94.353

99, 4.893, 203.117

85, 59.899, 93.091

99, 5.111, 199.211

84, 68.328, 91.811

82, 75.175, 90.492

81, 79.658, 89.083

80, 81.544, 87.600

Harmonies

Complementary

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



93, 10.428, 99.197



88, 10.559, 281.693

Rectangle

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



93, 10.428, 99.197



93, 10.428, 149.197



93, 10.428, 279.197



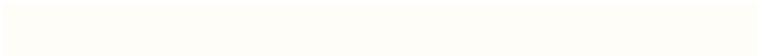
93, 10.428, 329.197

Sweetspot

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



93, 10.430, 99.208



99, 3.137, 100.015



88, 9.492, 4.179



53, 2.381, 99.936



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



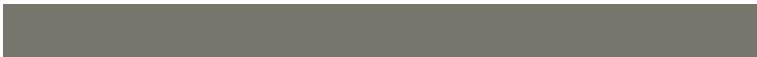
93, 10.430, 99.208



98, 12.630, 99.021



94, 13.123, 121.209



49, 5.681, 99.315



62, 66.775, 87.895



19, 26.953, 90.290

Inverse Universe

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



88, 10.559, 281.693



92, 12.806, 281.907



87, 13.395, 302.425



47, 5.747, 281.572



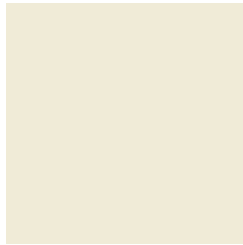
26, 91.428, 302.434



5, 32.589, 294.819

Previews

White Background



This preview shows how the CIELCh color 93, 10.428, 99.197 looks on a white background.

Color Contrast Check

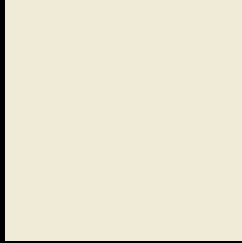
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 93, 10.428, 99.197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

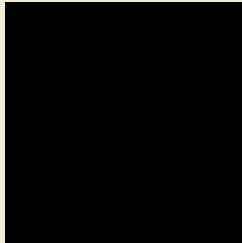
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

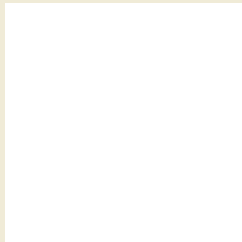
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 10.428, 99.197

Background



This preview shows how black text looks on a background with the CIELCh color 93, 10.428, 99.197.

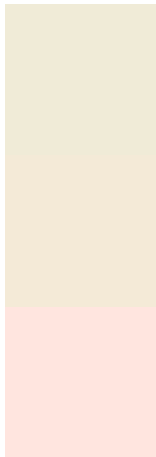


This preview shows how white text looks on a background with the CIELCh color 93, 10.428, 99.197.

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, 10.428, 99.197

Protanopia

93, 10.424, 88.669

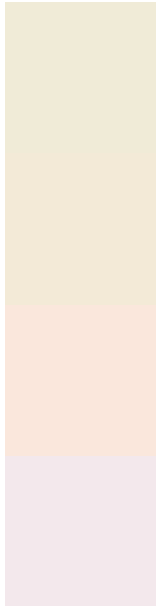
Deuteranopia

93, 10.028, 37.829



Tritanopia
93, 10.732, 320.106

Trichromacy



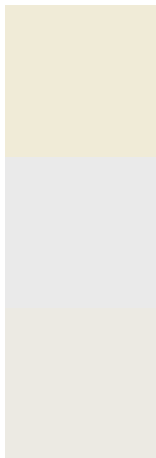
Original Color
93, 10.428, 99.197

Protanomaly
93, 10.300, 90.603

Deuteranomaly
93, 8.980, 58.665

Tritanomaly
93, 4.450, 351.999

Monochromacy



Original Color
93, 10.428, 99.197

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, 10.428, 99.197 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(240, 235, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 235, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 10.428, 99.197 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, 215) }
```

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

```
.border{ border-color:rgb(240, 235, 215) }
```

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, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 235, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 235, 215);  
box-shadow:4px 4px 4px 4px rgb(240, 235,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 10.428, 99.197 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, 215) }
```

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

```
.background{ background-color: rgb(240,  
235, 215) }
```

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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