

Converting Colors

CIELCh(93, 7.511, 81.975)

Have a look what the booklet for
CIELCh(93, 7.511, 81.975) contains.

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Color

CIELCh(93, 7.428, 83.383)

Conversions

Conversions Part 1

Format	Color
Hex	F3EADD
RGB	243, 234, 221
RGB Percent	95%, 92%, 87%
CMY	0.0478, 0.0831, 0.1341
CMYK	0.00, 0.04, 0.09, 0.05
HSL	35°, 47%, 91%
HSV	35°, 9%, 95%
XYZ	79.2894, 82.9670, 80.1089
YIQ	235.2090, 9.5370, -2.1350

Conversions

Conversions Part 2

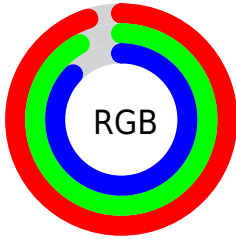
Format	Color
R _Y B	236, 243, 221
Decimal	15985373
CIE Lab	93.00, 0.86, 7.38
CIE LCh	93, 7.428, 83.383
Yxy	82.9670, 0.3271, 0.3423
Android (android.graphics.Color)	4294175453 (0xFFF3EADD)
YUV	235.2090, -7.0050, 6.8327
Hunter-Lab	91.0862, -4.0189, 11.6158

Details

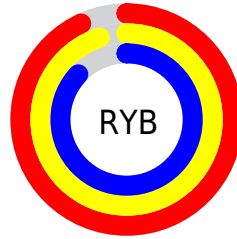
The CIELCh color **93, 7.428, 83.383** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 7.365, 265.864**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 7.350, 81.288** is the 20% darker color. If you saturate the color by 10%, you get **90, 15.891, 82.114**, and if you desaturate by 10%, it is **96, 0.770, 265.165**.

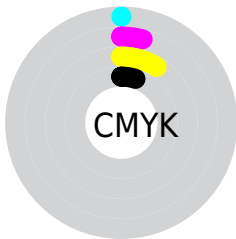
Distribution



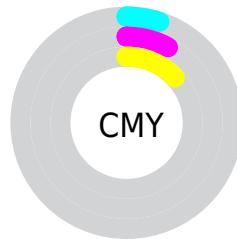
- Red (95%)
- Green (92%)
- Blue (87%)



- Red (93%)
- Yellow (95%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 7.428, 83.383 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, 7.428, 83.383 by changing the saturation by 10% instead.

93, 7.428, 83.383

93, 7.428, 83.383

100, 7.428, 83.383

83, 7.428, 83.383

73, 7.428, 83.383

63, 7.428, 83.383

53, 7.428, 83.383

43, 7.428, 83.383

33, 7.428, 83.383

23, 7.428, 83.383

13, 7.428, 83.383

3, 7.428, 83.383

93, 7.428, 83.383

93, 7.428, 83.383

90, 15.891, 82.114

96, 0.770, 265.165

87, 24.623, 80.771

99, 3.798, 209.631

84, 33.607, 79.389

99, 4.207, 199.296

81, 42.787, 77.967

79, 52.019, 76.491

76, 61.009, 74.915

73, 69.200, 73.139

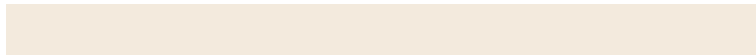
71, 75.688, 70.972

69, 79.679, 68.197

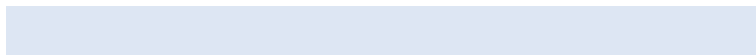
Harmonies

Complementary

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



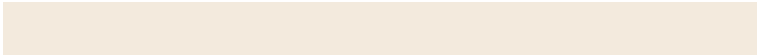
93, 7.428, 83.383



91, 7.365, 265.864

Rectangle

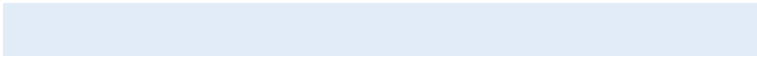
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 7.428, 83.383



93, 7.428, 133.383



93, 7.428, 263.383



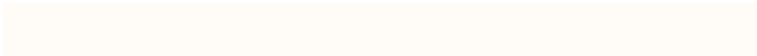
93, 7.428, 313.383

Sweetspot

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



93, 7.429, 83.402



99, 2.529, 84.082



90, 9.257, 349.164



53, 1.921, 84.010



0, 0.000, 0.000



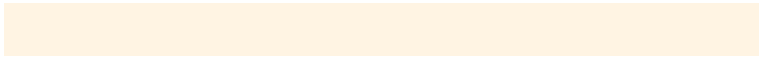
53, 0.007, 296.813

Same Dimension

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



93, 7.429, 83.402



97, 9.418, 83.155



95, 11.265, 112.693



50, 4.695, 83.349



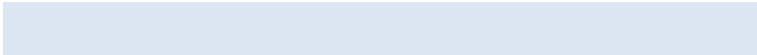
54, 65.466, 68.556



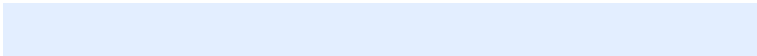
16, 24.972, 70.889

Inverse Universe

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



91, 7.365, 265.864



94, 9.309, 266.144



89, 11.507, 294.265



48, 4.652, 265.924



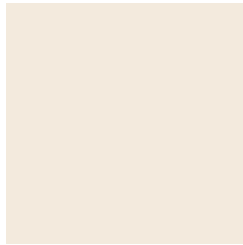
35, 67.930, 291.807



9, 26.027, 285.346

Previews

White Background



This preview shows how the CIELCh color 93, 7.428, 83.383 looks on a white background.

Color Contrast Check

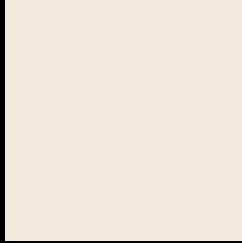
Large Text (above 18pt) WCAG AA × Fail

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, 7.428, 83.383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

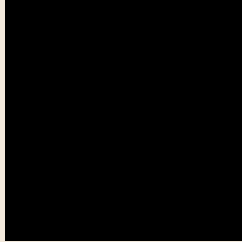
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

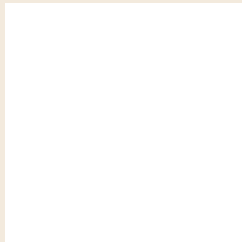
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 7.428, 83.383

Background



This preview shows how black text looks on a background with the CIELCh color 93, 7.428, 83.383.

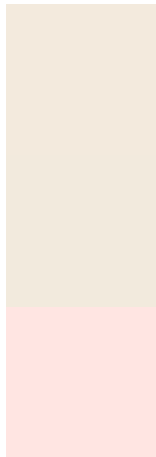


This preview shows how white text looks on a background with the CIELCh color 93, 7.428, 83.383.

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, 7.428, 83.383

Protanopia

93, 7.274, 85.984

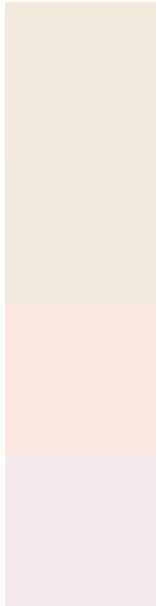
Deuteranopia

93, 9.617, 29.186



Tritanopia
93, 11.095, 323.295

Trichromacy



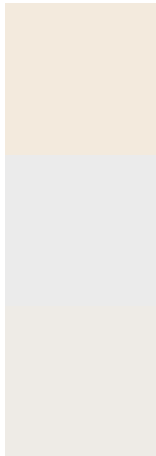
Original Color
93, 7.428, 83.383

Protanomaly
93, 7.274, 85.984

Deuteranomaly
93, 8.138, 45.965

Tritanomaly
93, 6.182, 344.048

Monochromacy



Original Color
93, 7.428, 83.383

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.770, 87.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 7.428, 83.383 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(243, 234, 221)` looks like.

```
.text, #text, p{  
    color:rgb(243, 234, 221)  
}
```

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(243, 234, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 234, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 7.428, 83.383 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(243, 234, 221) }
```

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

```
.border{ border-color:rgb(243, 234, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 234, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 234, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 234, 221);  
box-shadow:4px 4px 4px 4px rgb(243, 234,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 7.428, 83.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 234, 221) }
```

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

```
.background{ background-color: rgb(243,  
234, 221) }
```

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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