

Converting Colors

CIELCh(93, 3.891, 43.418)

Have a look what the booklet for
CIELCh(93, 3.891, 43.418) contains.

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Color

CIELCh(93, 3.900, 42.758)

Conversions

Conversions Part 1	
Format	Color
Hex	F3E9E6
RGB	243, 233, 230
RGB Percent	95%, 91%, 90%
CMY	0.0474, 0.0866, 0.0984
CMYK	0.00, 0.04, 0.05, 0.05
HSL	14°, 35%, 93%
HSV	14°, 5%, 95%
XYZ	80.3083, 82.9670, 86.5723
YIQ	235.6480, 6.9230, 1.1870

Conversions

Conversions Part 2

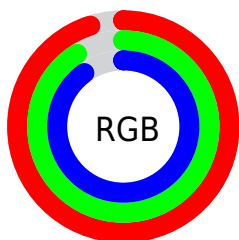
Format	Color
RYB	243, 234, 230
Decimal	15985126
CIELab	93.00, 2.86, 2.65
CIELCh	93, 3.900, 42.758
Yxy	82.9670, 0.3214, 0.3321
Android (android.graphics.Color)	4294175206 (0xFFFF3E9E6)
YUV	235.6480, -2.7845, 6.4477
Hunter-Lab	91.0862, -2.0222, 7.4086

Details

The CIELCh color **93, 3.900, 42.758** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94, 3.781, 223.520**, 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, 3.936, 35.524** is the 20% darker color. If you saturate the color by 10%, you get **88, 11.652, 42.608**, and if you desaturate by 10%, it is **98, 3.264, 223.513**.

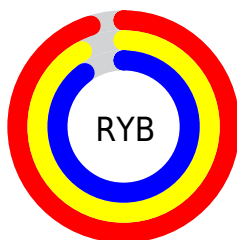
Distribution



Red (95%)

Green (91%)

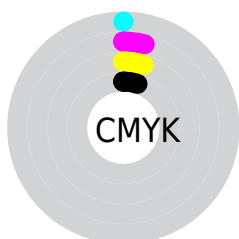
Blue (90%)



Red (95%)

Yellow (92%)

Blue (90%)

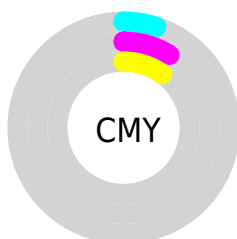


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (5%)



Cyan (5%)

Magenta (9%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 3.900, 42.758 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, 3.900, 42.758 by changing the saturation by 10% instead.

 93, 3.900, 42.758	 93, 3.900, 42.758
 100, 3.900, 42.758	 83, 3.900, 42.758
	 73, 3.900, 42.758
	 63, 3.900, 42.758
	 53, 3.900, 42.758
	 43, 3.900, 42.758
	 33, 3.900, 42.758
	 23, 3.900, 42.758
	 13, 3.900, 42.758
	 3, 3.900, 42.758

	93, 3.900, 42.758		93, 3.900, 42.758
	88, 11.652, 42.608		98, 3.264, 223.513
	83, 20.055, 42.437		99, 4.175, 199.299
	78, 29.157, 42.388		
	73, 38.979, 42.499		
	69, 49.496, 42.801		
	64, 60.582, 43.299		
	61, 71.926, 43.929		
	57, 82.797, 44.457		
	55, 91.655, 44.315		

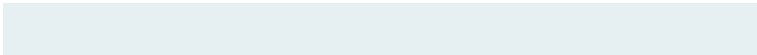
Harmonies

Complementary

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



93, 3.900, 42.758



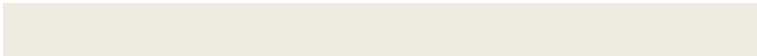
94, 3.781, 223.520

Rectangle

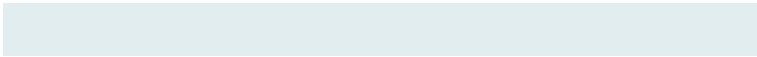
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 3.900, 42.758



93, 3.900, 92.758



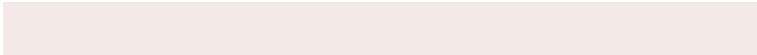
93, 3.900, 222.758



93, 3.900, 272.758

Sweetspot

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



93, 3.899, 42.796



99, 1.494, 42.642



93, 7.029, 331.404



53, 0.849, 42.623



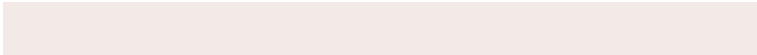
0, 0.000, 0.000



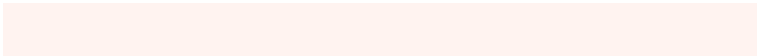
53, 0.007, 296.813

Same Dimension

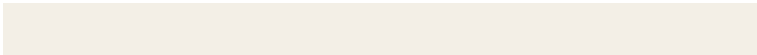
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 3.899, 42.796



97, 4.560, 42.792



95, 4.937, 94.226



49, 2.933, 42.785



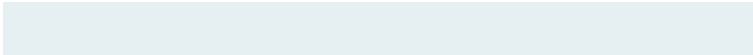
42, 77.281, 44.525



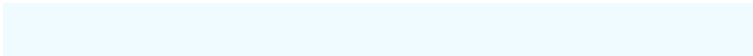
11, 27.025, 37.786

Inverse Universe

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



94, 3.781, 223.520



98, 4.403, 223.533



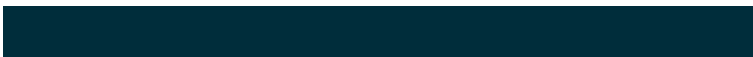
93, 4.965, 275.629



50, 2.820, 223.548



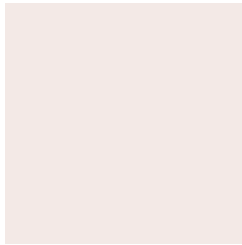
55, 35.443, 242.302



16, 15.426, 235.709

Previews

White Background



This preview shows how the CIE LCh color 93, 3.900, 42.758 looks on a white background.

Color Contrast Check

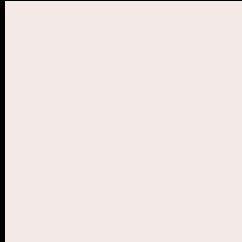
Large Text (above 18pt) WCAG AA × Fail

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, 3.900, 42.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

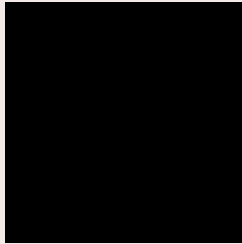
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

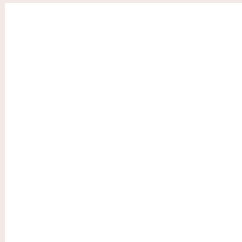
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 3.900, 42.758

Background



This preview shows how black text looks on a background with the CIELCh color 93, 3.900, 42.758.

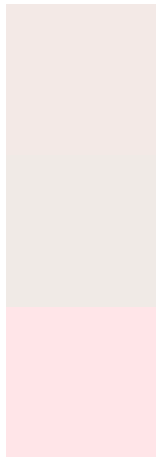


This preview shows how white text looks on a background with the CIELCh color 93, 3.900, 42.758.

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, 3.900, 42.758

Protanopia

93, 2.959, 63.299

Deuteranopia

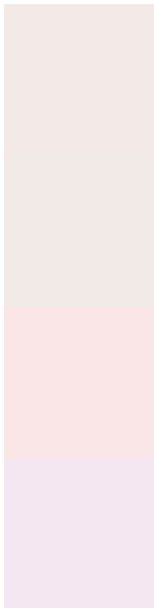
93, 9.533, 10.728



Tritanopia

93, 10.910, 321.726

Trichromacy

	Original Color 93, 3.900, 42.758
	Protanomaly 93, 3.229, 58.870
	Deuteranomaly 93, 7.606, 15.987
	Tritanomaly 93, 7.194, 334.046

Monochromacy

	Original Color 93, 3.900, 42.758
	Achromatopsia 93, 0.011, 296.813
	Achromatomaly 93, 1.507, 39.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 3.900, 42.758 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, 233, 230)` looks like.

```
.text, #text, p{  
    color:rgb(243, 233, 230)  
}
```

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, 233, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 233, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 3.900, 42.758 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, 233, 230) }
```

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

```
.border{ border-color:rgb(243, 233, 230) }
```

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

Here you see how a box with a 4 pixel rgb(243, 233, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 233, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 233, 230);  
box-shadow:4px 4px 4px 4px rgb(243, 233,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 3.900, 42.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 233, 230) }
```

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

```
.background{ background-color: rgb(243,  
233, 230) }
```

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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