

Converting Colors

CIELCh(93, 5.444, 77.584)

Have a look what the booklet for
CIELCh(93, 5.444, 77.584) contains.

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Color

CIELCh(93, 5.439, 77.587)

Conversions

Conversions Part 1

Format	Color
Hex	F2EAE1
RGB	242, 234, 225
RGB Percent	95%, 92%, 88%
CMY	0.0519, 0.0833, 0.1186
CMYK	0.00, 0.03, 0.07, 0.05
HSL	32°, 39%, 91%
HSV	32°, 7%, 95%
XYZ	79.4478, 82.9670, 82.8914
YIQ	235.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

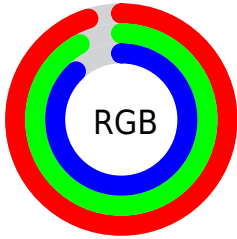
Format	Color
R_{YB}	240, 242, 225
Decimal	15919841
CIE _{Lab}	93.00, 1.17, 5.31
CIE _{LCh}	93, 5.439, 77.587
Yxy	82.9670, 0.3239, 0.3382
Android (android.graphics.Color)	4294109921 (0xFFFF2EAE1)
YUV	235.3660, -5.1104, 5.8180
Hunter-Lab	91.0862, -3.7085, 9.8046

Details

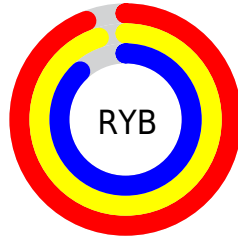
The CIELCh color **93, 5.439, 77.587** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 5.377, 259.556**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 5.285, 74.319** is the 20% darker color. If you saturate the color by 10%, you get **90, 13.465, 76.380**, and if you desaturate by 10%, it is **96, 2.266, 259.106**.

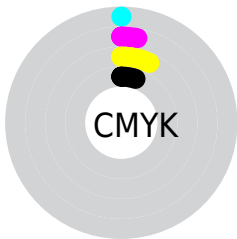
Distribution



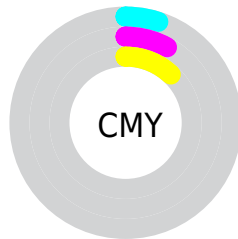
- Red (95%)
- Green (92%)
- Blue (88%)



- Red (94%)
- Yellow (95%)
- Blue (88%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.439, 77.587 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, 5.439, 77.587 by changing the saturation by 10% instead.



93, 5.439, 77.587

93, 5.439, 77.587

90, 13.465, 76.380

96, 2.266, 259.106

86, 21.833, 75.088

99, 4.564, 199.261

83, 30.550, 73.769

80, 39.592, 72.425

77, 48.868, 71.046

74, 58.163, 69.592

71, 67.026, 67.965

68, 74.634, 65.962

66, 79.887, 63.264

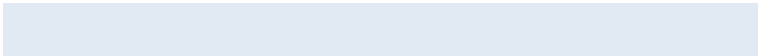
Harmonies

Complementary

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



93, 5.439, 77.587



92, 5.377, 259.556

Rectangle

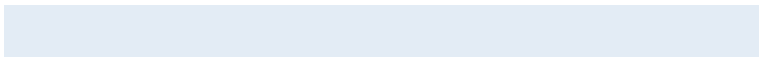
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 5.439, 77.587



93, 5.439, 127.587



93, 5.439, 257.587



93, 5.439, 307.587

Sweetspot

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



93, 5.440, 77.614



99, 1.593, 78.057



91, 7.451, 345.089



53, 0.905, 78.055



0, 0.000, 0.000



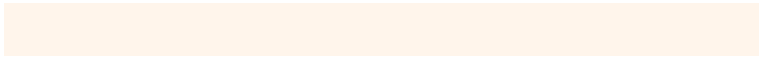
53, 0.007, 296.813

Same Dimension

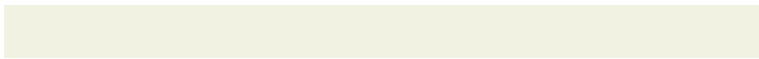
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 5.440, 77.614



97, 6.479, 77.497



95, 8.692, 110.168



48, 4.390, 77.324



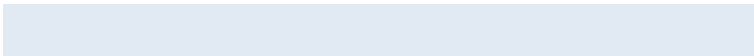
50, 65.855, 63.110



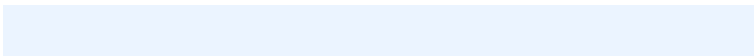
14, 23.453, 64.347

Inverse Universe

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



92, 5.377, 259.556



96, 6.387, 259.685



90, 8.845, 291.536



48, 4.313, 259.882



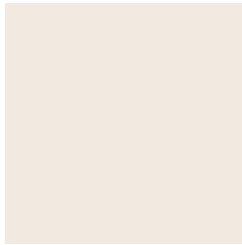
38, 59.816, 286.827



9, 22.526, 279.389

Previews

White Background



This preview shows how the CIELCh color 93, 5.439, 77.587 looks on a white background.

Color Contrast Check

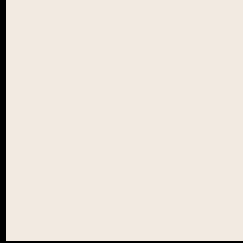
Large Text (above 18pt) WCAG AA × Fail

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, 5.439, 77.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

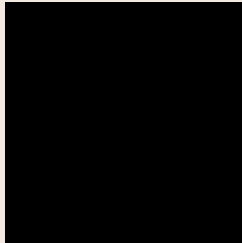
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

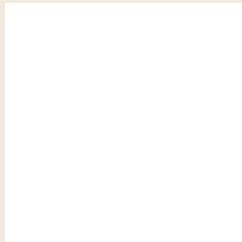
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.439, 77.587

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.439, 77.587.

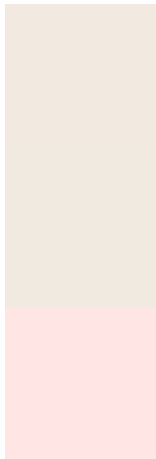


This preview shows how white text looks on a background with the CIELCh color 93, 5.439, 77.587.

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, 5.439, 77.587

Protanopia

93, 5.256, 80.962

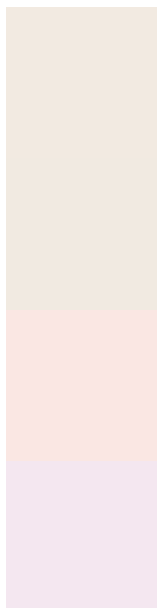
Deuteranopia

93, 9.477, 23.095



Tritanopia
93, 10.732, 320.106

Trichromacy



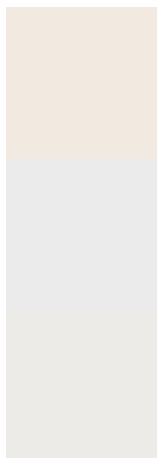
Original Color
93, 5.439, 77.587

Protanomaly
93, 5.256, 80.962

Deuteranomaly
93, 7.195, 36.346

Tritanomaly
93, 6.579, 334.904

Monochromacy



Original Color
93, 5.439, 77.587

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.163, 90.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 5.439, 77.587 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(242, 234, 225)` looks like.

```
.text, #text, p{  
    color:rgb(242, 234, 225)  
}
```

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(242, 234, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 234, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.439, 77.587 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(242, 234, 225) }
```

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

```
.border{ border-color:rgb(242, 234, 225) }
```

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

Here you see how a box with a 4 pixel rgb(242, 234, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 234, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 234, 225);  
box-shadow:4px 4px 4px 4px rgb(242, 234,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.439, 77.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 234, 225) }
```

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

```
.background{ background-color: rgb(242,  
234, 225) }
```

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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