

Converting Colors

CIELCh(93, 10.502, 87.390)

Have a look what the booklet for
CIELCh(93, 10.502, 87.390) contains.

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Color

CIELCh(93, 10.424, 88.669)

Conversions

Conversions Part 1

Format	Color
Hex	F4EAD7
RGB	244, 234, 215
RGB Percent	96%, 92%, 84%
CMY	0.0432, 0.0824, 0.1569
CMYK	0.00, 0.04, 0.12, 0.04
HSL	39°, 57%, 90%
HSV	39°, 12%, 96%
XYZ	78.9797, 82.9670, 76.1268
YIQ	234.8240, 12.0590, -3.7890

Conversions

Conversions Part 2

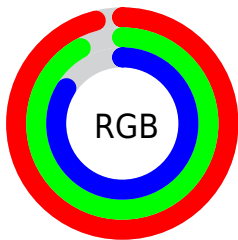
Format	Color
R _Y B	230, 244, 215
Decimal	16050903
CIE Lab	93.00, 0.24, 10.42
CIE LCh	93, 10.424, 88.669
Yxy	82.9670, 0.3317, 0.3485
Android (android.graphics.Color)	4294240983 (0xFFFF4EAD7)
YUV	234.8240, -9.7732, 8.0474
Hunter-Lab	91.0862, -4.6260, 14.2078

Details

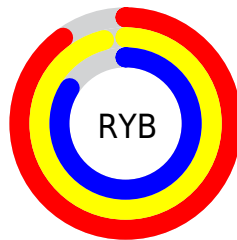
The CIELCh color **93, 10.424, 88.669** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 10.394, 271.840**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 10.484, 87.285** is the 20% darker color. If you saturate the color by 10%, you get **90, 19.424, 87.385**, and if you desaturate by 10%, it is **96, 1.627, 89.798**.

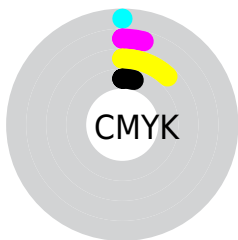
Distribution



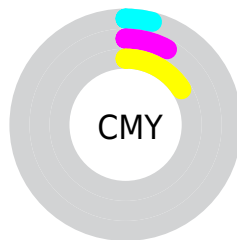
- Red (96%)
- Green (92%)
- Blue (84%)



- Red (90%)
- Yellow (96%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 10.424, 88.669 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, 10.424, 88.669 by changing the saturation by 10% instead.

93, 10.424, 88.669

93, 10.424, 88.669

100, 10.424,
88.669

83, 10.424, 88.669

73, 10.424, 88.669

63, 10.424, 88.669

53, 10.424, 88.669

43, 10.424, 88.669

33, 10.424, 88.669

23, 10.424, 88.669

13, 10.424, 88.669

3, 10.424, 88.669

93, 10.424, 88.669

93, 10.424, 88.669

90, 19.424, 87.385

96, 1.627, 89.798

88, 28.609, 86.037

98, 3.162, 242.183

85, 37.932, 84.648

99, 3.807, 199.338

83, 47.286, 83.213

81, 56.458, 81.716

78, 65.044, 80.112

76, 72.363, 78.305

74, 77.471, 76.123

72, 79.779, 74.008

Harmonies

Complementary

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



93, 10.424, 88.669



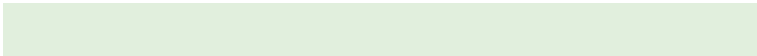
89, 10.394, 271.840

Rectangle

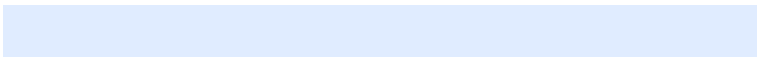
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 10.424, 88.669



93, 10.424, 138.669



93, 10.424, 268.669



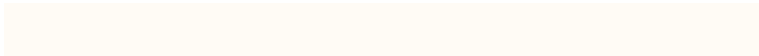
93, 10.424, 318.669

Sweetspot

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



93, 10.425, 88.682



99, 3.597, 89.628



89, 11.783, 353.683



53, 2.560, 89.547



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, 10.425, 88.682



96, 12.761, 88.409



95, 14.898, 115.171



50, 4.984, 88.983



56, 65.124, 74.557



17, 25.625, 77.325

Inverse Universe

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



89, 10.394, 271.840



92, 12.708, 272.158



87, 15.298, 297.015



48, 4.976, 271.499



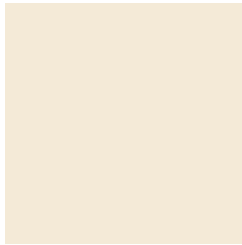
32, 75.867, 295.976



7, 28.935, 290.021

Previews

White Background



This preview shows how the CIELCh color 93, 10.424, 88.669 looks on a white background.

Color Contrast Check

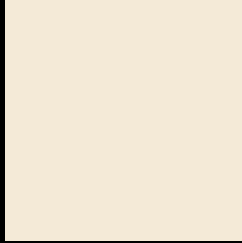
Large Text (above 18pt) WCAG AA × Fail

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, 10.424, 88.669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

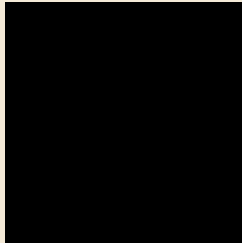
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

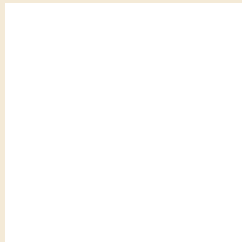
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 10.424, 88.669

Background



This preview shows how black text looks on a background with the CIELCh color 93, 10.424, 88.669.

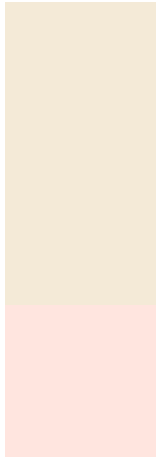


This preview shows how white text looks on a background with the CIELCh color 93, 10.424, 88.669.

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, 10.424, 88.669

Protanopia

93, 10.424, 88.669

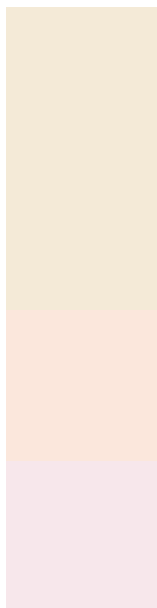
Deuteranopia

93, 10.028, 37.829



Tritanopia
93, 11.500, 326.288

Trichromacy



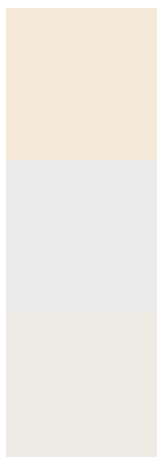
Original Color
93, 10.424, 88.669

Protanomaly
93, 10.424, 88.669

Deuteranomaly
93, 9.274, 57.227

Tritanomaly
93, 6.103, 0.034

Monochromacy



Original Color
93, 10.424, 88.669

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.741, 93.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 10.424, 88.669 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(244, 234, 215)` looks like.

```
.text, #text, p{  
    color:rgb(244, 234, 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(244, 234, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 234, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 10.424, 88.669 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(244, 234, 215) }
```

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

```
.border{ border-color:rgb(244, 234, 215) }
```

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

Here you see how a box with a 4 pixel rgb(244, 234, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 234, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 234, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 234,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 10.424, 88.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 234, 215) }
```

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

```
.background{ background-color: rgb(244,  
234, 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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