

Converting Colors

CIELCh(89, 15.350, 92.842)

Have a look what the booklet for
CIELCh(89, 15.350, 92.842) contains.

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Color

CIELCh(89, 15.593, 93.411)

Conversions

Conversions Part 1

Format	Color
Hex	EADFC2
RGB	234, 223, 194
RGB Percent	92%, 87%, 76%
CMY	0.0823, 0.1255, 0.2392
CMYK	0.00, 0.05, 0.17, 0.08
HSL	44°, 49%, 84%
HSV	44°, 17%, 92%
XYZ	70.0582, 74.1641, 61.6625
YIQ	222.9830, 15.8650, -6.6870

Conversions

Conversions Part 2

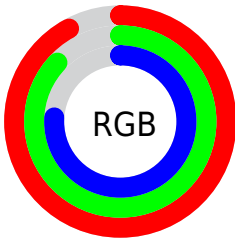
Format	Color
R _Y B	209, 234, 194
Decimal	15392706
CIE Lab	89.00, -0.93, 15.57
CIE LCh	89, 15.593, 93.411
Yxy	74.1641, 0.3403, 0.3602
Android (android.graphics.Color)	4293582786 (0xFFEADFC2)
YUV	222.9830, -14.2886, 9.6619
Hunter-Lab	86.1186, -5.4964, 17.8303

Details

The CIELCh color **89, 15.593, 93.411** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **82, 15.712, 277.840**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **69, 15.815, 93.770** is the 20% darker color. If you saturate the color by 10%, you get **87, 24.886, 92.148**, and if you desaturate by 10%, it is **91, 6.418, 94.636**.

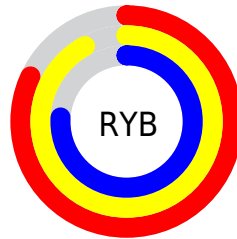
Distribution



Red (92%)

Green (87%)

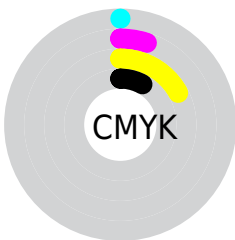
Blue (76%)



Red (82%)

Yellow (92%)

Blue (76%)

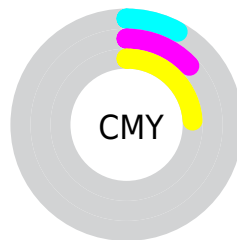


Cyan (0%)

Magenta (5%)

Yellow (17%)

Black (8%)



Cyan (8%)

Magenta (13%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 15.593, 93.411 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 89, 15.593, 93.411 by changing the saturation by 10% instead.

■ 89, 15.593, 93.411

■ 89, 15.593, 93.411

■ 100, 15.593,
93.411

■ 79, 15.593, 93.411

■ 69, 15.593, 93.411

■ 59, 15.593, 93.411

■ 49, 15.593, 93.411

■ 39, 15.593, 93.411

■ 29, 15.593, 93.411

■ 19, 15.593, 93.411

■ 9, 15.593, 93.411

■ 0, 15.593, 93.411

89, 15.593, 93.411

89, 15.593, 93.411

87, 24.886, 92.148

91, 6.418, 94.636

85, 34.243, 90.836

93, 2.624, 275.949

83, 43.571, 89.489

95, 7.061, 266.988

81, 52.686, 88.103

97, 5.919, 232.058

79, 61.261, 86.662

99, 7.186, 199.043

77, 68.748, 85.123

76, 74.361, 83.401

74, 77.348, 81.365

74, 77.943, 80.741

Harmonies

Complementary

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



89, 15.593, 93.411



82, 15.712, 277.840

Rectangle

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



89, 15.593, 93.411



89, 15.593, 143.411



89, 15.593, 273.411



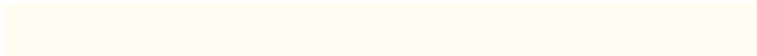
89, 15.593, 323.411

Sweetspot

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



89, 15.594, 93.420



99, 4.839, 94.871



82, 16.009, 358.825



53, 3.304, 94.792



0, 0.000, 0.000



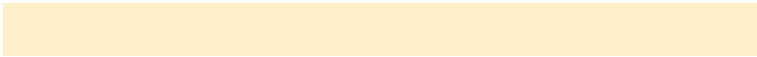
53, 0.007, 296.813

Same Dimension

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



89, 15.594, 93.420



95, 20.600, 92.916



91, 20.832, 117.498



48, 5.162, 94.355



58, 64.387, 81.163



17, 24.250, 84.050

Inverse Universe

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



82, 15.712, 277.840



86, 20.788, 278.471



80, 21.597, 299.892



46, 5.190, 276.748



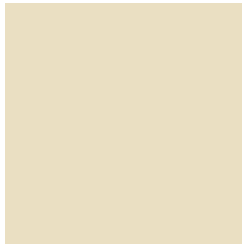
28, 82.387, 299.493



5, 28.743, 291.383

Previews

White Background



This preview shows how the CIELCh color 89, 15.593, 93.411 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 89, 15.593, 93.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

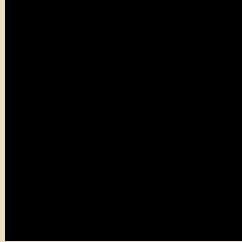
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 15.593, 93.411

Background



This preview shows how black text looks on a background with the CIELCh color 89, 15.593, 93.411.

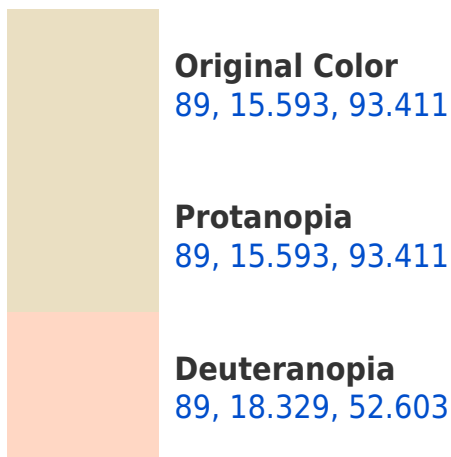


This preview shows how white text looks on a background with the CIELCh color 89, 15.593, 93.411.

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](#).

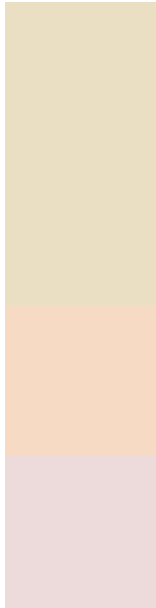
Dichromacy





Tritanopia
89, 11.874, 332.059

Trichromacy



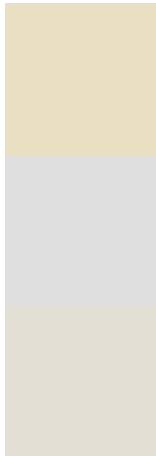
Original Color
89, 15.593, 93.411

Protanomaly
89, 15.593, 93.411

Deuteranomaly
89, 16.348, 66.508

Tritanomaly
89, 6.563, 19.787

Monochromacy



Original Color
89, 15.593, 93.411

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 5.880, 95.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 15.593, 93.411 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(234, 223, 194)` looks like.

```
.text, #text, p{  
    color:rgb(234, 223, 194)  
}
```

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(234, 223, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 223, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 15.593, 93.411 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(234, 223, 194) }
```

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

```
.border{ border-color:rgb(234, 223, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 223, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 223, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 223, 194);  
box-shadow:4px 4px 4px 4px rgb(234, 223,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 15.593, 93.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 223, 194) }
```

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

```
.background{ background-color: rgb(234,  
223, 194) }
```

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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