

Converting Colors

CIE LCh(93, 11.992, 91.099)

Have a look what the booklet for
CIELCh(93, 11.992, 91.099) contains.

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Color

CIELCh(93, 11.886, 91.101)

Conversions

Conversions Part 1

Format	Color
Hex	F4EAD4
RGB	244, 234, 212
RGB Percent	96%, 92%, 83%
CMY	0.0425, 0.0817, 0.1680
CMYK	0.00, 0.04, 0.13, 0.04
HSL	41°, 60%, 89%
HSV	41°, 13%, 96%
XYZ	78.7427, 82.9670, 74.2605
YIQ	234.4820, 13.0220, -4.7220

Conversions

Conversions Part 2

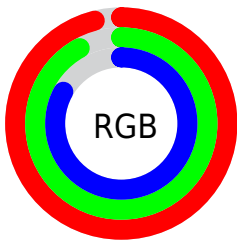
Format	Color
R _Y B	227, 244, 212
Decimal	16050900
CIE Lab	93.00, -0.23, 11.88
CIE LCh	93, 11.886, 91.101
Yxy	82.9670, 0.3337, 0.3516
Android (android.graphics.Color)	4294240980 (0xFFF4EAD4)
YUV	234.4820, -11.0836, 8.3473
Hunter-Lab	91.0862, -5.0903, 15.4226

Details

The CIELCh color **93, 11.886, 91.101** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88, 11.901, 274.543**, 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, 12.012, 89.915** is the 20% darker color. If you saturate the color by 10%, you get **91, 21.158, 89.827**, and if you desaturate by 10%, it is **95, 2.783, 92.292**.

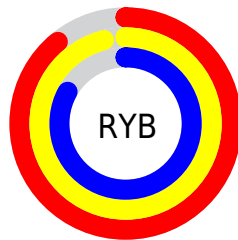
Distribution



Red (96%)

Green (92%)

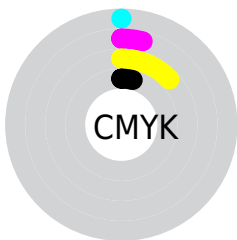
Blue (83%)



Red (89%)

Yellow (96%)

Blue (83%)

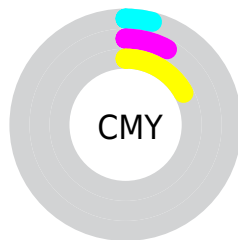


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (4%)



Cyan (4%)

Magenta (8%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 11.886, 91.101 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, 11.886, 91.101 by changing the saturation by 10% instead.

 93, 11.886, 91.101

 93, 11.886, 91.101

 100, 11.886,
91.101

 83, 11.886, 91.101

 73, 11.886, 91.101

 63, 11.886, 91.101

 53, 11.886, 91.101

 43, 11.886, 91.101

 33, 11.886, 91.101

 23, 11.886, 91.101

 13, 11.886, 91.101

 3, 11.886, 91.101

93, 11.886, 91.101

93, 11.886, 91.101

91, 21.158, 89.827

95, 2.783, 92.292

88, 30.569, 88.494

98, 3.354, 257.643

86, 40.056, 87.121

99, 3.741, 199.345

84, 49.487, 85.704

82, 58.611, 84.228

79, 66.975, 82.652

78, 73.851, 80.888

76, 78.318, 78.785

74, 79.968, 77.107

Harmonies

Complementary

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



93, 11.886, 91.101



88, 11.901, 274.543

Rectangle

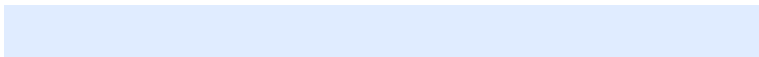
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 11.886, 91.101



93, 11.886, 141.101



93, 11.886, 271.101



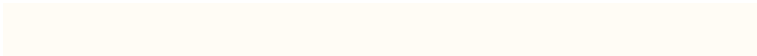
93, 11.886, 321.101

Sweetspot

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



93, 11.887, 91.113



99, 3.717, 92.202



88, 12.807, 356.056



53, 2.645, 92.121



0, 0.000, 0.000



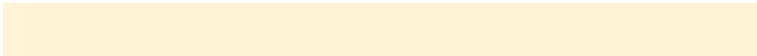
53, 0.007, 296.813

Same Dimension

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



93, 11.887, 91.113



96, 15.074, 90.742



95, 16.488, 116.428



50, 5.145, 91.562



58, 65.275, 77.605



18, 26.073, 80.417

Inverse Universe

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



88, 11.901, 274.543



90, 15.086, 274.983



86, 16.965, 298.350



48, 5.155, 274.031



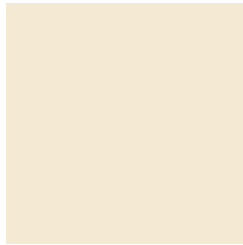
31, 79.815, 297.747



7, 30.308, 291.812

Previews

White Background



This preview shows how the CIELCh color 93, 11.886, 91.101 looks on a white background.

Color Contrast Check

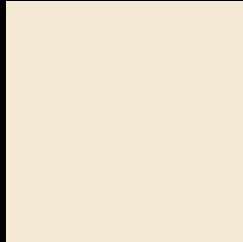
Large Text (above 18pt) WCAG AA × Fail

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 93, 11.886, 91.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

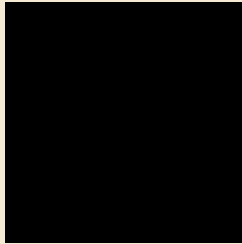
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

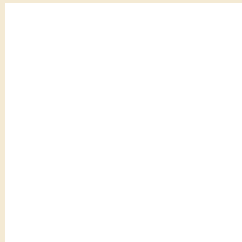
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 11.886, 91.101

Background



This preview shows how black text looks on a background with the CIELCh color 93, 11.886, 91.101.

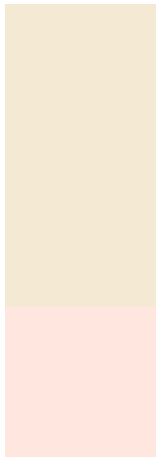


This preview shows how white text looks on a background with the CIELCh color 93, 11.886, 91.101.

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, 11.886, 91.101

Protanopia

93, 11.886, 91.101

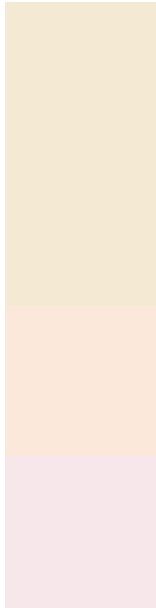
Deuteranopia

93, 10.068, 43.948



Tritanopia
93, 11.709, 327.710

Trichromacy



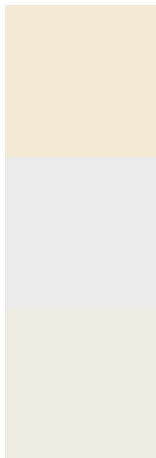
Original Color
93, 11.886, 91.101

Protanomaly
93, 11.886, 91.101

Deuteranomaly
93, 10.042, 65.317

Tritanomaly
93, 5.953, 4.702

Monochromacy



Original Color
93, 11.886, 91.101

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 4.237, 95.068

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 11.886, 91.101 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(244, 234, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 234, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 11.886, 91.101 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, 212) }
```

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

```
.border{ border-color:rgb(244, 234, 212) }
```

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, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 234, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 234, 212);  
box-shadow:4px 4px 4px 4px rgb(244, 234,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 11.886, 91.101 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, 212) }
```

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

```
.background{ background-color: rgb(244,  
234, 212) }
```

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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