

Converting Colors

CIELCh(93, 13.918, 109.373)

Have a look what the booklet for
CIELCh(93, 13.918, 109.373)
contains.

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Color

CIElCh(93, 13.852, 109.071)

Conversions

Conversions Part 1

Format	Color
Hex	EDEDD2
RGB	237, 237, 210
RGB Percent	93%, 93%, 82%
CMY	0.0719, 0.0718, 0.1777
CMYK	0.00, 0.00, 0.11, 0.07
HSL	60°, 42%, 88%
HSV	60°, 11%, 93%
XYZ	76.6006, 82.9670, 72.7424
YIQ	233.9220, 8.6670, -8.3970

Conversions

Conversions Part 2

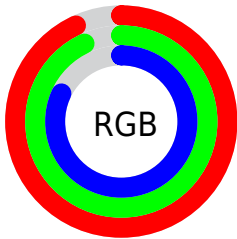
Format	Color
RYB	210, 237, 210
Decimal	15592914
CIELab	93.00, -4.53, 13.09
CIELCh	93, 13.852, 109.071
Yxy	82.9670, 0.3297, 0.3571
Android (android.graphics.Color)	4293782994 (0xFFEDED2)
YUV	233.9220, -11.7935, 2.6994
Hunter-Lab	91.0862, -9.2882, 16.4108

Details

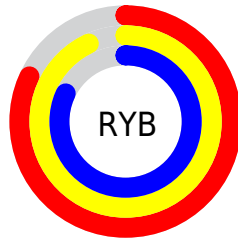
The CIELCh color **93, 13.852, 109.071** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 14.224, 291.393**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 13.483, 108.859** is the 20% darker color. If you saturate the color by 10%, you get **93, 25.915, 108.104**, and if you desaturate by 10%, it is **94, 1.702, 110.009**.

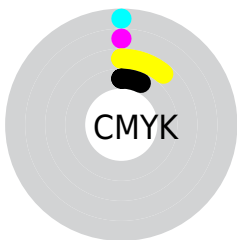
Distribution



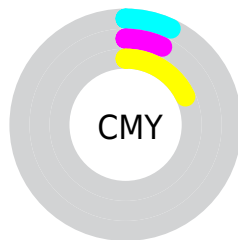
- Red (93%)
- Green (93%)
- Blue (82%)



- Red (82%)
- Yellow (93%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)





- Cyan (7%)
- Magenta (7%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 13.852, 109.071 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, 13.852, 109.071 by changing the saturation by 10% instead.


 93, 13.852,
109.071


 93, 13.852,
109.071


 100, 13.852,
109.071


 83, 13.852,
109.071

 73, 13.852,
109.071

 63, 13.852,
109.071

 53, 13.852,
109.071

 43, 13.852,
109.071

 33, 13.852,
109.071

 23, 13.852,

109.071

■ 13, 13.852,
109.071

■ 3, 13.852, 109.071

■ 93, 13.852,
109.071

■ 93, 13.852,
109.071

■ 93, 25.915,
108.104

■ 94, 1.702, 110.009

■ 92, 37.789,
107.136

■ 94, 9.439, 290.928

■ 94, 9.439, 290.938

■ 92, 49.327,
106.194

■ 94, 9.439, 290.948

■ 91, 60.296,
105.305

■ 94, 9.439, 290.958

■ 94, 9.439, 290.968

91, 70.348,
104.502

94, 9.439, 290.979

91, 78.994,
103.824

94, 9.439, 290.989

91, 85.649,
103.312

94, 9.439, 290.999

91, 89.827,
102.997

91, 91.594,
102.865

Harmonies

Complementary

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



93, 13.852, 109.071



85, 14.224, 291.393

Rectangle

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



93, 13.852, 109.071



93, 13.852, 159.071



93, 13.852, 289.071



93, 13.852, 339.071

Sweetspot

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



93, 13.854, 109.078



100, 3.868, 109.877



86, 9.997, 20.093



53, 2.934, 109.804



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, 13.854, 109.078



99, 18.052, 108.821



92, 14.779, 128.567



49, 6.852, 109.267



71, 74.937, 102.865



21, 30.655, 103.476

Inverse Universe

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



85, 14.224, 291.393



89, 18.644, 291.705



86, 15.018, 309.578



45, 7.006, 291.172



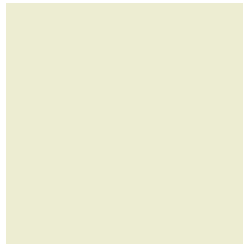
21, 103.474, 306.288



2, 35.735, 297.756

Previews

White Background



This preview shows how the CIELCh color 93, 13.852, 109.071 looks on a white background.

Color Contrast Check

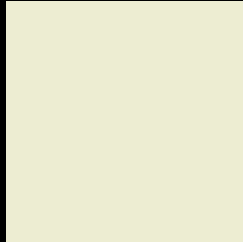
Large Text (above 18pt) WCAG AA × Fail

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, 13.852, 109.071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

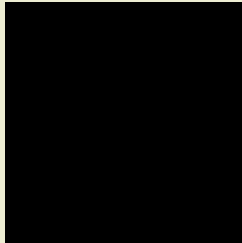
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

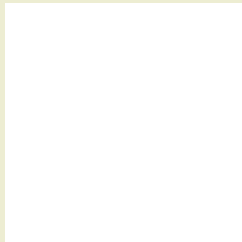
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 13.852, 109.071

Background



This preview shows how black text looks on a background with the CIELCh color 93, 13.852, 109.071.

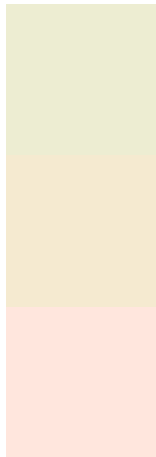


This preview shows how white text looks on a background with the CIELCh color 93, 13.852, 109.071.

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, 13.852, 109.071

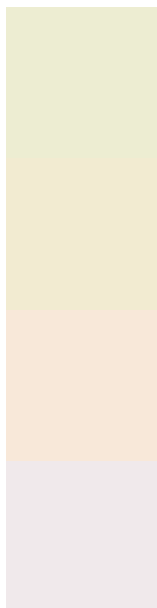
Protanopia
93, 13.965, 92.012

Deuteranopia
93, 10.304, 46.503



Tritanopia
93, 10.108, 313.137

Trichromacy



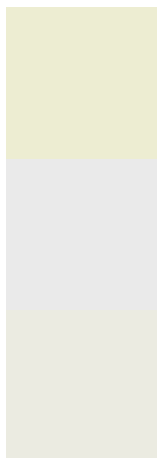
Original Color
93, 13.852, 109.071

Protanomaly
93, 13.593, 98.071

Deuteranomaly
93, 9.703, 72.095

Tritanomaly
93, 2.711, 357.024

Monochromacy



Original Color
93, 13.852, 109.071

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 5.139, 109.755

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 13.852, 109.071 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(237, 237, 210)` looks like.

```
.text, #text, p{  
    color:rgb(237, 237, 210)  
}
```

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(237, 237, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 237, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 13.852, 109.071 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(237, 237, 210) }
```

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

```
.border{ border-color:rgb(237, 237, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 237, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 237, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 237, 210);  
box-shadow:4px 4px 4px 4px rgb(237, 237,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 13.852, 109.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 237, 210) }
```

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

```
.background{ background-color: rgb(237,  
237, 210) }
```

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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