

Converting Colors

CIELCh(93, 15.866, 121.803)

Have a look what the booklet for
CIELCh(93, 15.866, 121.803)
contains.

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Color

CIELCh(93, 15.845, 122.367)

Conversions

Conversions Part 1

Format	Color
Hex	E5EFD1
RGB	229, 239, 209
RGB Percent	90%, 94%, 82%
CMY	0.1021, 0.0629, 0.1805
CMYK	0.04, 0.00, 0.13, 0.06
HSL	80°, 48%, 88%
HSV	80°, 13%, 94%
XYZ	74.6631, 82.9670, 72.3791
YIQ	232.5900, 3.6700, -11.4500

Conversions

Conversions Part 2

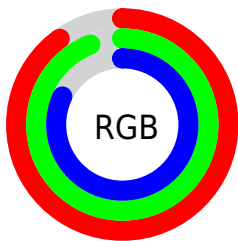
Format	Color
RYB	209, 239, 219
Decimal	15069137
CIELab	93.00, -8.48, 13.38
CIELCh	93, 15.845, 122.367
Yxy	82.9670, 0.3246, 0.3607
Android (android.graphics.Color)	4293259217 (0xFFE5EFD1)
YUV	232.5900, -11.6299, -3.1484
Hunter-Lab	91.0862, -13.0850, 16.6473

Details

The CIELCh color **93, 15.845, 122.367** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 16.222, 303.772**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 15.611, 123.138** is the 20% darker color. If you saturate the color by 10%, you get **92, 28.417, 121.805**, and if you desaturate by 10%, it is **94, 3.216, 122.937**.

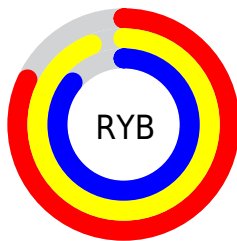
Distribution



Red (90%)

Green (94%)

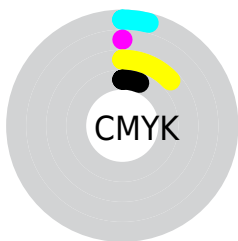
Blue (82%)



Red (82%)

Yellow (94%)

Blue (86%)

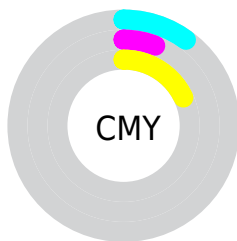


Cyan (4%)

Magenta (0%)

Yellow (13%)

Black (6%)



Cyan (10%)


Magenta (6%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 15.845, 122.367 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, 15.845, 122.367 by changing the saturation by 10% instead.


 93, 15.845,
122.367


 93, 15.845,
122.367


 100, 15.845,
122.367


 83, 15.845,
122.367

 73, 15.845,
122.367

 63, 15.845,
122.367

 53, 15.845,
122.367

 43, 15.845,
122.367

 33, 15.845,
122.367

 23, 15.845,

122.367

■ 13, 15.845,
122.367

■ 3, 15.845, 122.367

■ 93, 15.845,
122.367

■ 93, 15.845,
122.367

■ 92, 28.417,
121.805

■ 94, 3.216, 122.937

■ 91, 40.818,
121.242

■ 95, 8.521, 304.728

■ 96, 9.595, 321.051

■ 90, 52.892,
120.711

■ 96, 9.994, 324.758

■ 89, 64.403,
120.255

■ 89, 75.005,
119.942

■ 88, 84.215,
119.867

■ 87, 91.465,
120.146

■ 87, 96.293,
120.886

■ 87, 98.500,
121.704

Harmonies

Complementary

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



93, 15.845, 122.367



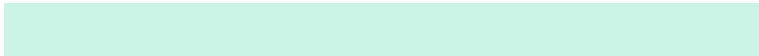
85, 16.222, 303.772

Rectangle

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



93, 15.845, 122.367



93, 15.845, 172.367



93, 15.845, 302.367



93, 15.845, 352.367

Sweetspot

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



93, 15.847, 122.371



100, 5.315, 122.851



89, 9.062, 54.649



53, 3.779, 122.808



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

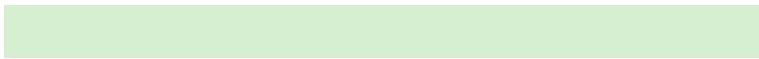
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 15.847, 122.371



98, 19.953, 122.230



92, 17.991, 139.194



50, 7.190, 122.544



68, 80.695, 121.449



21, 33.493, 120.433

Inverse Universe

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



85, 16.222, 303.772



89, 20.516, 303.932



87, 18.092, 320.359



46, 7.321, 303.583



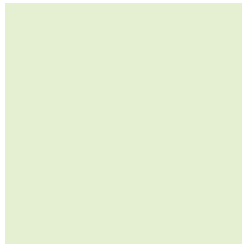
25, 100.857, 308.792



4, 38.925, 306.947

Previews

White Background



This preview shows how the CIELCh color 93, 15.845, 122.367 looks on a white background.

Color Contrast Check

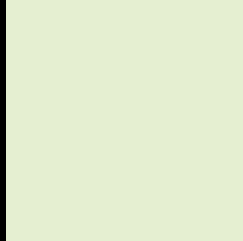
Large Text (above 18pt) WCAG AA × Fail

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, 15.845, 122.367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

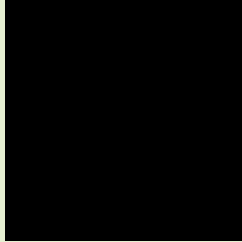
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

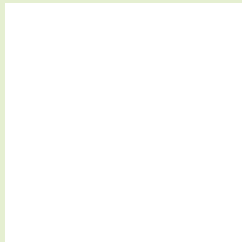
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 15.845, 122.367

Background



This preview shows how black text looks on a background with the CIELCh color 93, 15.845, 122.367.

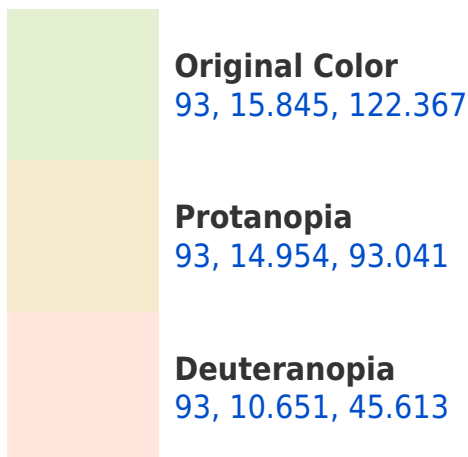



This preview shows how white text looks on a background with the CIELCh color 93, 15.845, 122.367.

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](#).

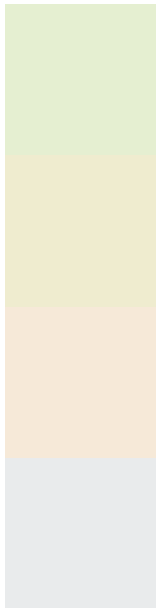
Dichromacy





Tritanopia
93, 9.338, 295.144

Trichromacy



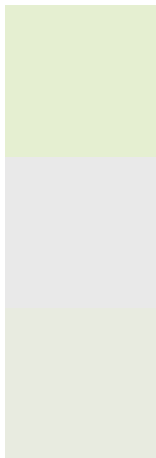
Original Color
93, 15.845, 122.367

Protanomaly
93, 14.919, 104.696

Deuteranomaly
93, 9.956, 80.682

Tritanomaly
93, 0.873, 236.430

Monochromacy



Original Color
93, 15.845, 122.367

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 5.770, 120.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 15.845, 122.367 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(229, 239, 209)` looks like.

```
.text, #text, p{  
    color:rgb(229, 239, 209)  
}
```

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(229, 239, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 239, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 15.845, 122.367 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(229, 239, 209) }
```

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

```
.border{ border-color:rgb(229, 239, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 239, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 239, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 239, 209);  
box-shadow:4px 4px 4px 4px rgb(229, 239,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 15.845, 122.367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 239, 209) }
```

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

```
.background{ background-color: rgb(229,  
239, 209) }
```

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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