

Converting Colors

CIELCh(93, 17.412, 122.299)

Have a look what the booklet for
CIELCh(93, 17.412, 122.299)
contains.

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Color

CIELCh(93, 17.428, 122.296)

Conversions

Conversions Part 1

Format	Color
Hex	E4EFCE
RGB	228, 239, 206
RGB Percent	89%, 94%, 81%
CMY	0.1045, 0.0613, 0.1908
CMYK	0.05, 0.00, 0.14, 0.06
HSL	80°, 51%, 87%
HSV	80°, 14%, 94%
XYZ	74.2613, 82.9670, 70.7143
YIQ	231.9490, 4.0370, -12.5950

Conversions

Conversions Part 2

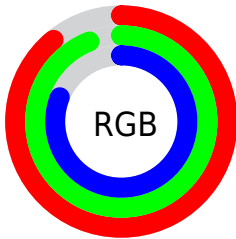
Format	Color
R_{YB}	206, 239, 217
Decimal	15003598
CIE _{Lab}	93.00, -9.31, 14.73
CIE _{LCh}	93, 17.428, 122.296
Yxy	82.9670, 0.3258, 0.3640
Android (android.graphics.Color)	4293193678 (0xFFE4EFCE)
YUV	231.9490, -12.7929, -3.4633
Hunter-Lab	91.0862, -13.8725, 17.7309

Details

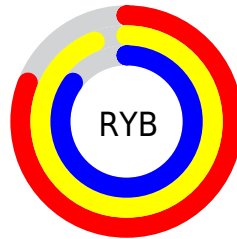
The CIELCh color **93, 17.428, 122.296** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 17.881, 303.849**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 17.273, 122.961** is the 20% darker color. If you saturate the color by 10%, you get **92, 30.002, 121.733**, and if you desaturate by 10%, it is **94, 4.786, 122.862**.

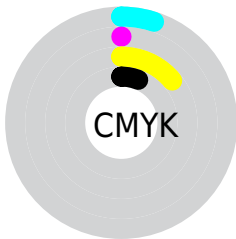
Distribution



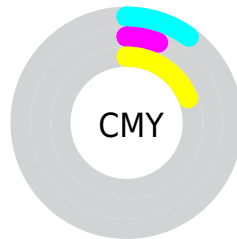
- Red (89%)
- Green (94%)
- Blue (81%)



- Red (81%)
- Yellow (94%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (14%)
- Black (6%)





- Cyan (10%)
- Magenta (6%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 17.428, 122.296 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, 17.428, 122.296 by changing the saturation by 10% instead.


 93, 17.428,
122.296


 93, 17.428,
122.296


 100, 17.428,
122.296


 83, 17.428,
122.296

 73, 17.428,
122.296

 63, 17.428,
122.296

 53, 17.428,
122.296

 43, 17.428,
122.296

 33, 17.428,
122.296

 23, 17.428,

122.296

■ 13, 17.428,
122.296

■ 3, 17.428, 122.296

■ 93, 17.428,
122.296

■ 93, 17.428,
122.296

■ 92, 30.002,
121.733

■ 94, 4.786, 122.862

■ 91, 42.389,
121.172

■ 95, 7.854, 303.365

■ 96, 9.250, 319.867

■ 90, 54.424,
120.647

■ 96, 9.750, 324.749

■ 89, 65.859,
120.205

■ 89, 76.330,
119.916

■ 88, 85.340,
119.878

■ 87, 92.317,
120.209

■ 87, 96.836,
121.011

■ 87, 98.621,
121.703

Harmonies

Complementary

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



93, 17.428, 122.296



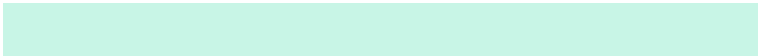
85, 17.881, 303.849

Rectangle

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



93, 17.428, 122.296



93, 17.428, 172.296



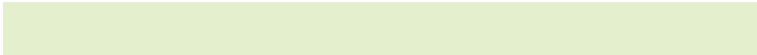
93, 17.428, 302.296



93, 17.428, 352.296

Sweetspot

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



93, 17.430, 122.300



100, 5.315, 122.849



88, 10.013, 54.561



53, 3.779, 122.806



0, 0.000, 0.000



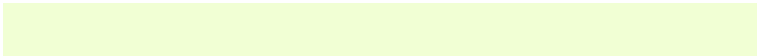
53, 0.007, 296.813

Same Dimension

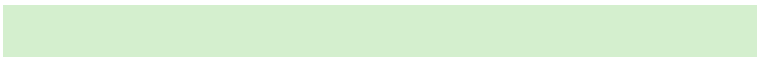
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 17.430, 122.300



98, 22.606, 122.115



92, 19.801, 139.126



50, 7.190, 122.542



68, 80.694, 121.447



21, 33.493, 120.431

Inverse Universe

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



85, 17.881, 303.849



87, 23.331, 304.061



86, 19.919, 320.418



46, 7.321, 303.581



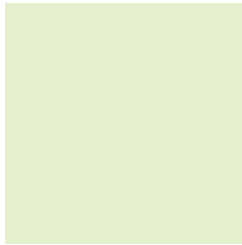
25, 100.858, 308.791



4, 38.925, 306.946

Previews

White Background



This preview shows how the CIELCh color 93, 17.428, 122.296 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, 17.428, 122.296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

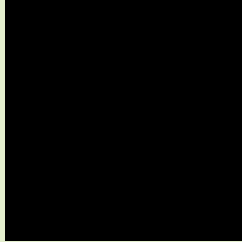
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

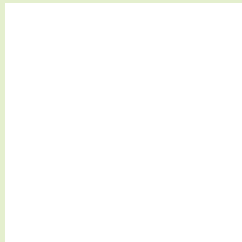
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 17.428, 122.296

Background



This preview shows how black text looks on a background with the CIELCh color 93, 17.428, 122.296.

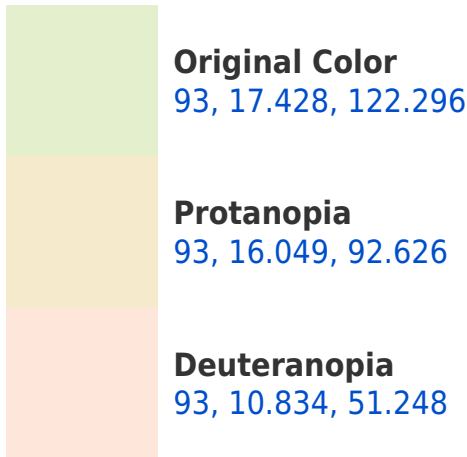



This preview shows how white text looks on a background with the CIELCh color 93, 17.428, 122.296.

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](#).

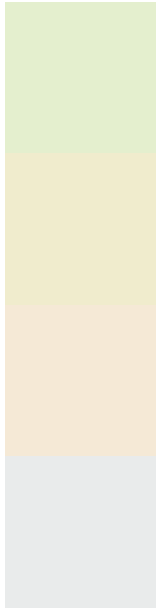
Dichromacy





Tritanopia
93, 9.338, 295.144

Trichromacy



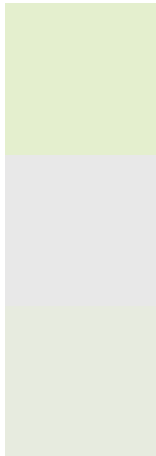
Original Color
93, 17.428, 122.296

Protanomaly
93, 15.969, 103.538

Deuteranomaly
93, 10.718, 84.935

Tritanomaly
93, 0.706, 200.240

Monochromacy



Original Color
93, 17.428, 122.296

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 6.353, 122.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 17.428, 122.296 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(228, 239, 206)` looks like.

```
.text, #text, p{  
    color:rgb(228, 239, 206)  
}
```

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(228, 239, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 239, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 17.428, 122.296 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(228, 239, 206) }
```

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

```
.border{ border-color:rgb(228, 239, 206) }
```

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

Here you see how a box with a 4 pixel rgb(228, 239, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 239, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 239, 206);  
box-shadow:4px 4px 4px 4px rgb(228, 239,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 17.428, 122.296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 239, 206) }
```

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

```
.background{ background-color: rgb(228,  
239, 206) }
```

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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