

Converting Colors

CIELCh(93, 28.414, 133.535)

Have a look what the booklet for
CIELCh(93, 28.414, 133.535)
contains.

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Color

CIELCh(93, 28.392, 133.539)

Conversions

Conversions Part 1

Format	Color
Hex	D4F5C3
RGB	212, 245, 195
RGB Percent	83%, 96%, 76%
CMY	0.1700, 0.0406, 0.2366
CMYK	0.13, 0.00, 0.20, 0.04
HSL	100°, 71%, 86%
HSV	100°, 20%, 96%
XYZ	69.4140, 82.9670, 63.7887
YIQ	229.4330, -3.6180, -22.5460

Conversions

Conversions Part 2

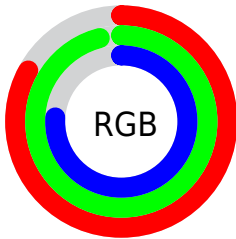
Format	Color
RYB	195, 245, 228
Decimal	13956547
CIELab	93.00, -19.56, 20.58
CIELCh	93, 28.392, 133.539
Yxy	82.9670, 0.3211, 0.3838
Android (android.graphics.Color)	4292146627 (0xFFD4F5C3)
YUV	229.4330, -16.9755, -15.2887
Hunter-Lab	91.0862, -23.3717, 22.2390

Details

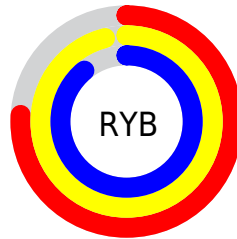
The CIELCh color **93, 28.392, 133.539** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 28.908, 315.327**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **73, 28.674, 133.517** is the 20% darker color. If you saturate the color by 10%, you get **92, 42.254, 133.025**, and if you desaturate by 10%, it is **95, 14.462, 134.023**.

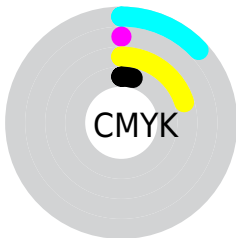
Distribution



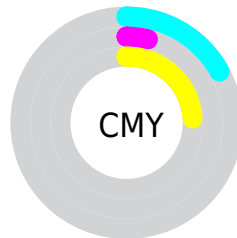
- Red (83%)
- Green (96%)
- Blue (76%)



- Red (76%)
- Yellow (96%)
- Blue (89%)



- Cyan (13%)
- Magenta (0%)
- Yellow (20%)
- Black (4%)





- Cyan (17%)
- Magenta (4%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 28.392, 133.539 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, 28.392, 133.539 by changing the saturation by 10% instead.


 93, 28.392,
133.539


 93, 28.392,
133.539


 100, 28.392,
133.539


 83, 28.392,
133.539

 73, 28.392,
133.539

 63, 28.392,
133.539

 53, 28.392,
133.539

 43, 28.392,
133.539

 33, 28.392,
133.539

 23, 28.392,

133.539

■ 13, 28.392,
133.539

■ 3, 28.392, 133.539

■ 93, 28.392,
133.539

■ 93, 28.392,
133.539

■ 92, 42.254,
133.025

■ 95, 14.462,
134.023

■ 90, 55.857,
132.491

■ 96, 0.586, 134.775

■ 89, 68.949,
131.975

■ 97, 6.440, 324.618

■ 88, 81.168,
131.539

■ 87, 92.024,
131.277

■ 86, 100.920,
131.319

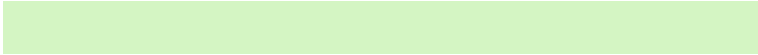
■ 86, 107.302,
131.788

■ 85, 111.083,
132.605

Harmonies

Complementary

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



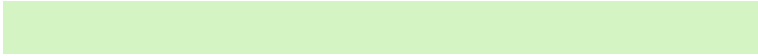
93, 28.392, 133.539



83, 28.908, 315.327

Rectangle

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



93, 28.392, 133.539



93, 28.392, 183.539



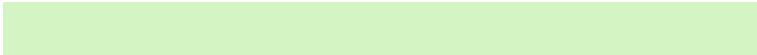
93, 28.392, 313.539



93, 28.392, 3.539

Sweetspot

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



93, 28.394, 133.540



99, 8.582, 134.229



91, 18.059, 87.132



53, 5.695, 134.198



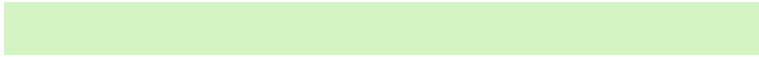
0, 0.000, 0.000



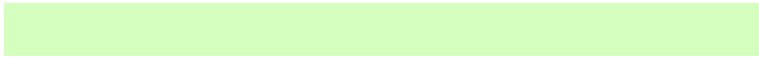
53, 0.007, 296.813

Same Dimension

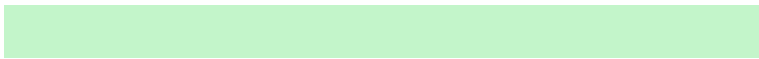
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 28.394, 133.540



96, 35.929, 133.306



92, 28.439, 147.438



50, 7.879, 134.067



67, 90.231, 132.372



21, 38.200, 131.498

Inverse Universe

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



83, 28.908, 315.327



83, 36.728, 315.535



84, 28.514, 330.078



48, 7.952, 314.839



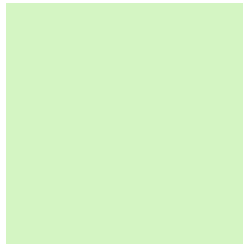
33, 95.255, 316.129



7, 41.635, 317.333

Previews

White Background



This preview shows how the CIELCh color 93, 28.392, 133.539 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, 28.392, 133.539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

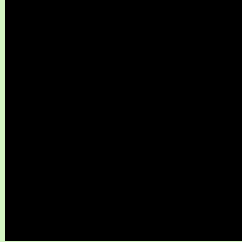
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

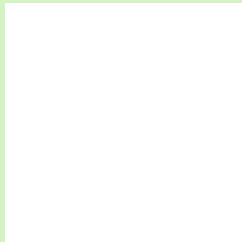
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 28.392, 133.539

Background



This preview shows how black text looks on a background with the CIELCh color 93, 28.392, 133.539.

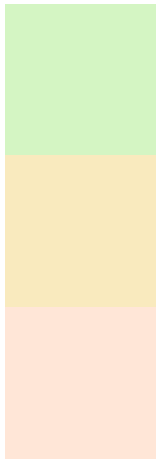


This preview shows how white text looks on a background with the CIELCh color 93, 28.392, 133.539.

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, 28.392, 133.539

Protanopia
93, 23.295, 94.045

Deuteranopia
93, 12.092, 59.327

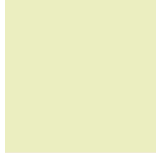


Tritanopia
93, 10.927, 263.403

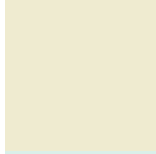
Trichromacy



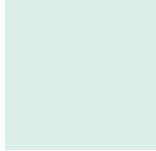
Original Color
93, 28.392, 133.539



Protanomaly
93, 23.561, 111.060



Deuteranomaly
93, 13.940, 102.946

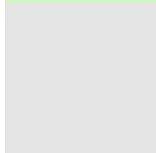


Tritanomaly
93, 8.019, 176.213

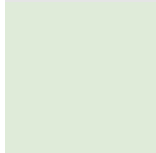
Monochromacy



Original Color
93, 28.392, 133.539



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 10.282, 134.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 28.392, 133.539 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(212, 245, 195)` looks like.

```
.text, #text, p{  
    color:rgb(212, 245, 195)  
}
```

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(212, 245, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 245, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 28.392, 133.539 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(212, 245, 195) }
```

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

```
.border{ border-color:rgb(212, 245, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 245, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 245, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 245, 195);  
box-shadow:4px 4px 4px 4px rgb(212, 245,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 28.392, 133.539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 245, 195) }
```

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

```
.background{ background-color: rgb(212,  
245, 195) }
```

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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