

Converting Colors

CIELCh(93, 21.377, 146.331)

Have a look what the booklet for
CIELCh(93, 21.377, 146.331)
contains.

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Color

CIELCh(93, 21.030, 146.671)

Conversions

Conversions Part 1

Format	Color
Hex	D0F4D4
RGB	208, 244, 212
RGB Percent	82%, 96%, 83%
CMY	0.1838, 0.0426, 0.1681
CMYK	0.15, 0.00, 0.13, 0.04
HSL	127°, 62%, 89%
HSV	127°, 15%, 96%
XYZ	70.3368, 82.9670, 74.6775
YIQ	229.5880, -11.1840, -17.5840

Conversions

Conversions Part 2

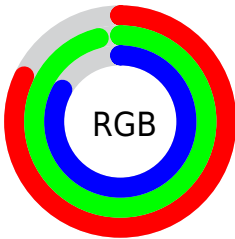
Format	Color
R _Y B	208, 240, 244
Decimal	13694164
CIE Lab	93.00, -17.57, 11.55
CIE LCh	93, 21.030, 146.671
Yxy	82.9670, 0.3085, 0.3639
Android (android.graphics.Color)	4291884244 (0xFFD0F4D4)
YUV	229.5880, -8.6709, -18.9327
Hunter-Lab	91.0862, -21.5632, 15.1511

Details

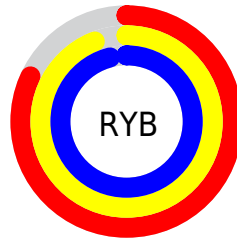
The CIELCh color **93, 21.030, 146.671** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **87, 21.072, 328.463**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 21.451, 146.497** is the 20% darker color. If you saturate the color by 10%, you get **91, 35.368, 145.877**, and if you desaturate by 10%, it is **95, 6.725, 147.377**.

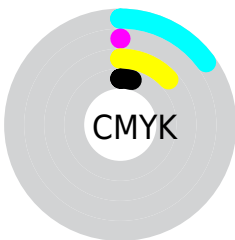
Distribution



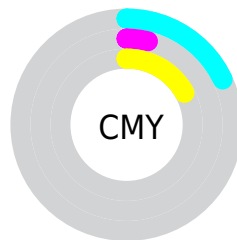
- Red (82%)
- Green (96%)
- Blue (83%)



- Red (82%)
- Yellow (94%)
- Blue (96%)



- Cyan (15%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)





- Cyan (18%)
- Magenta (4%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 21.030, 146.671 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, 21.030, 146.671 by changing the saturation by 10% instead.


 93, 21.030,
146.671


 93, 21.030,
146.671


 100, 21.030,
146.671


 83, 21.030,
146.671

 73, 21.030,
146.671

 63, 21.030,
146.671

 53, 21.030,
146.671

 43, 21.030,
146.671

 33, 21.030,
146.671

 23, 21.030,

146.671

■ 13, 21.030,
146.671

■ 3, 21.030, 146.671

■ 93, 21.030,
146.671

■ 93, 21.030,
146.671

■ 91, 35.368,
145.877

■ 95, 6.725, 147.377

■ 89, 49.514,
144.955

■ 97, 6.767, 324.632

■ 88, 63.189,
143.892

■ 87, 76.057,
142.684

■ 86, 87.734,
141.353

■ 85, 97.804,
139.950

■ 85, 105.853,
138.571

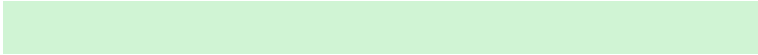
■ 84, 111.526,
137.351

■ 84, 113.549,
136.857

Harmonies

Complementary

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



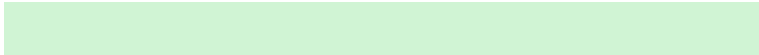
93, 21.030, 146.671



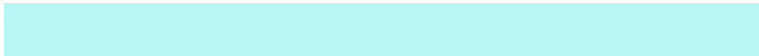
87, 21.072, 328.463

Rectangle

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



93, 21.030, 146.671



93, 21.030, 196.671



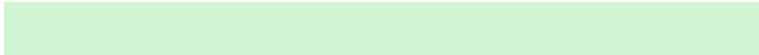
93, 21.030, 326.671



93, 21.030, 16.671

Sweetspot

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



93, 21.032, 146.671



99, 5.863, 147.432



95, 18.417, 112.900



53, 4.170, 147.376



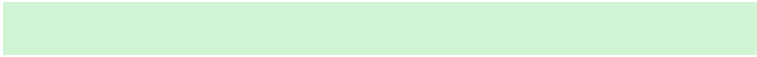
0, 0.000, 0.000



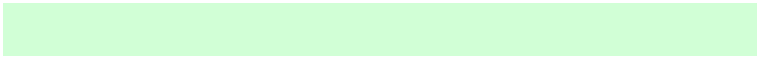
53, 0.007, 296.813

Same Dimension

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



93, 21.032, 146.671



96, 26.623, 146.422



93, 14.681, 168.090



50, 8.098, 147.047



66, 92.229, 137.042



20, 38.830, 139.489

Inverse Universe

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



87, 21.072, 328.463



89, 26.673, 328.663



87, 15.115, 350.776



48, 8.115, 328.142



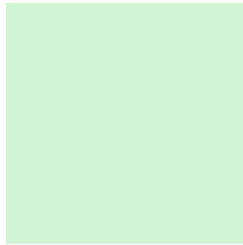
43, 83.613, 333.218



10, 37.605, 332.488

Previews

White Background



This preview shows how the CIELCh color 93, 21.030, 146.671 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, 21.030, 146.671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

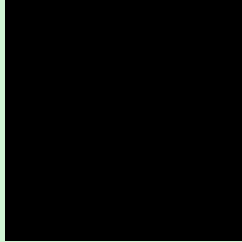
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

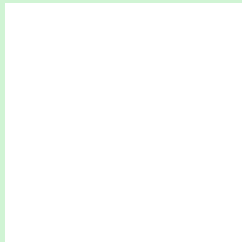
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 21.030, 146.671

Background



This preview shows how black text looks on a background with the CIELCh color 93, 21.030, 146.671.

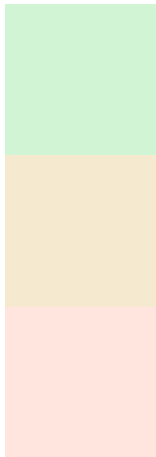


This preview shows how white text looks on a background with the CIELCh color 93, 21.030, 146.671.

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, 21.030, 146.671

Protanopia
93, 14.459, 92.545

Deuteranopia
93, 10.214, 40.529

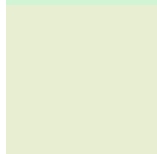


Tritanopia
93, 11.108, 251.495

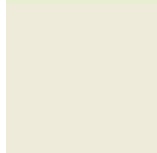
Trichromacy



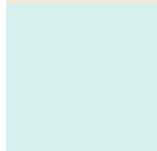
Original Color
93, 21.030, 146.671



Protanomaly
93, 15.054, 117.439



Deuteranomaly
93, 8.797, 102.316

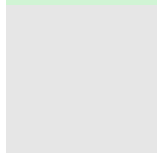


Tritanomaly
93, 8.983, 195.576

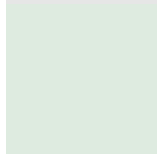
Monochromacy



Original Color
93, 21.030, 146.671



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 7.374, 148.673

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 21.030, 146.671 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(208, 244, 212)` looks like.

```
.text, #text, p{  
    color:rgb(208, 244, 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(208, 244, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 244, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 21.030, 146.671 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(208, 244, 212) }
```

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

```
.border{ border-color:rgb(208, 244, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 244, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 244, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 244, 212);  
box-shadow:4px 4px 4px 4px rgb(208, 244,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 21.030, 146.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 244, 212) }
```

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

```
.background{ background-color: rgb(208,  
244, 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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