

Converting Colors

CIELCh(93, 24.381, 151.810)

Have a look what the booklet for
CIELCh(93, 24.381, 151.810)
contains.

CIELCh(93, 24.334, 151.949)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(93, 24.334, 151.949)

Conversions

Conversions Part 1

Format	Color
Hex	C7F6D4
RGB	199, 246, 212
RGB Percent	78%, 96%, 83%
CMY	0.2188, 0.0345, 0.1679
CMYK	0.19, 0.00, 0.14, 0.03
HSL	137°, 73%, 87%
HSV	137°, 19%, 97%
XYZ	68.5308, 82.9670, 74.8194
YIQ	228.0710, -17.0980, -20.5380

Conversions

Conversions Part 2

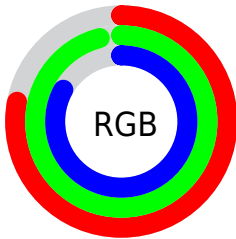
Format	Color
RYB	199, 236, 246
Decimal	13104852
CIELab	93.00, -21.48, 11.44
CIELCh	93, 24.334, 151.949
Yxy	82.9670, 0.3028, 0.3666
Android (android.graphics.Color)	4291294932 (0xFFC7F6D4)
YUV	228.0710, -7.9230, -25.4953
Hunter-Lab	91.0862, -25.1023, 15.0588

Details

The CIELCh color **93, 24.334, 151.949** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **85, 24.503, 334.658**, 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, 24.891, 151.758** is the 20% darker color. If you saturate the color by 10%, you get **91, 37.052, 151.029**, and if you desaturate by 10%, it is **95, 11.548, 152.758**.

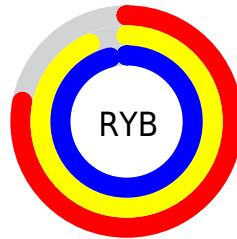
Distribution



Red (78%)

Green (96%)

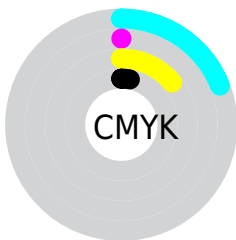
Blue (83%)



Red (78%)

Yellow (93%)

Blue (96%)

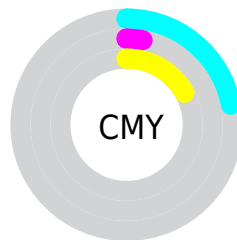


Cyan (19%)

Magenta (0%)

Yellow (14%)

Black (3%)



Cyan (22%)


Magenta (3%)


Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 24.334, 151.949 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, 24.334, 151.949 by changing the saturation by 10% instead.


 93, 24.334,
151.949


 93, 24.334,
151.949


 100, 24.334,
151.949


 83, 24.334,
151.949

 73, 24.334,
151.949

 63, 24.334,
151.949

 53, 24.334,
151.949

 43, 24.334,
151.949

 33, 24.334,
151.949

 23, 24.334,

151.949

■ 13, 24.334,
151.949

■ 3, 24.334, 151.949

■ 93, 24.334,
151.949

■ 93, 24.334,
151.949

■ 91, 37.052,
151.029

■ 95, 11.548,
152.758

■ 90, 49.496,
149.971

■ 97, 1.153, 333.078

■ 88, 61.436,
148.750

■ 98, 5.474, 324.576

■ 87, 72.616,
147.350

■ 87, 82.784,
145.766

■ 86, 91.715,
144.012

■ 85, 99.243,
142.136

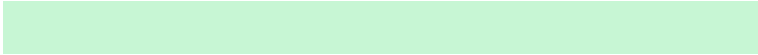
■ 85, 105.312,
140.254

■ 85, 105.805,
140.098

Harmonies

Complementary

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



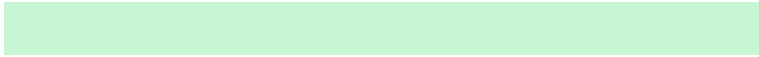
93, 24.334, 151.949



85, 24.503, 334.658

Rectangle

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



93, 24.334, 151.949



93, 24.334, 201.949



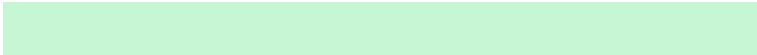
93, 24.334, 331.949



93, 24.334, 21.949

Sweetspot

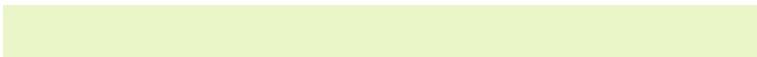
The Sweet Spot groups the original color and five complimentary colors.



93, 24.336, 151.948



99, 7.823, 152.998



95, 24.400, 119.372



52, 5.191, 152.947



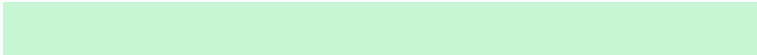
0, 0.000, 0.000



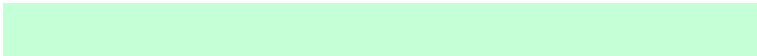
53, 0.007, 296.813

Same Dimension

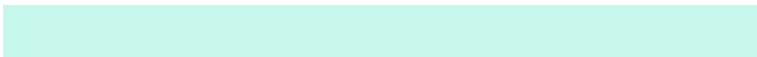
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 24.336, 151.948



95, 30.167, 151.601



94, 17.119, 178.981



50, 7.185, 152.728



66, 85.079, 140.446



21, 35.225, 143.571

Inverse Universe

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



85, 24.503, 334.658



86, 30.402, 334.951



85, 18.358, 2.687



48, 7.218, 333.961



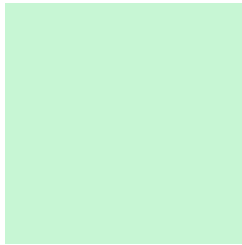
42, 73.985, 343.201



10, 33.735, 340.701

Previews

White Background



This preview shows how the CIE LCh color 93, 24.334, 151.949 looks on a white background.

Color Contrast Check

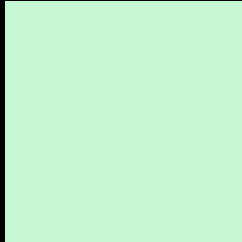
Large Text (above 18pt) WCAG AA × Fail

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, 24.334, 151.949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

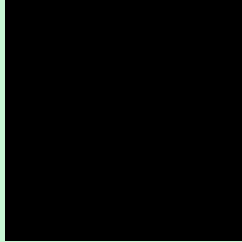
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

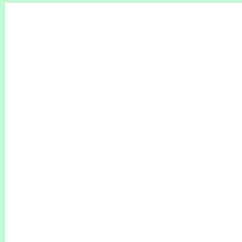
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 24.334, 151.949

Background



This preview shows how black text looks on a background with the CIELCh color 93, 24.334, 151.949.

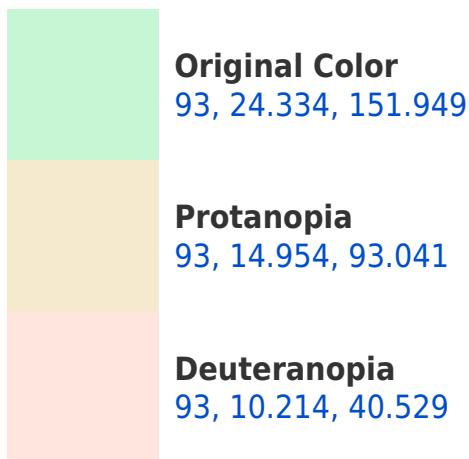


This preview shows how white text looks on a background with the CIELCh color 93, 24.334, 151.949.

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



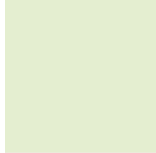


Tritanopia
93, 12.048, 242.435

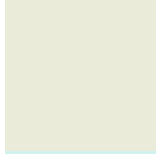
Trichromacy



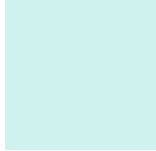
Original Color
93, 24.334, 151.949



Protanomaly
93, 15.858, 122.364

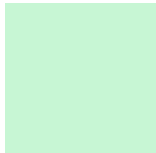


Deuteranomaly
93, 8.739, 109.473

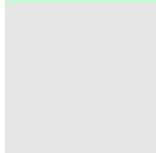


Tritanomaly
93, 12.098, 191.280

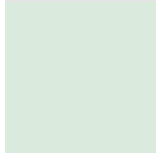
Monochromacy



Original Color
93, 24.334, 151.949



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 9.106, 151.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 24.334, 151.949 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(199, 246, 212)` looks like.

```
.text, #text, p{  
    color:rgb(199, 246, 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(199, 246, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 246, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 24.334, 151.949 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(199, 246, 212) }
```

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

```
.border{ border-color:rgb(199, 246, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 246, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 246, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 246, 212);  
box-shadow:4px 4px 4px 4px rgb(199, 246,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 24.334, 151.949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 246, 212) }
```

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

```
.background{ background-color: rgb(199,  
246, 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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