

Converting Colors

CIELCh(91, 43.465, 143.669)

Have a look what the booklet for
CIELCh(91, 43.465, 143.669)
contains.

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Color

CIELCh(91, 43.097, 143.935)

Conversions

Conversions Part 1

Format	Color
Hex	AFF6B3
RGB	175, 246, 179
RGB Percent	69%, 96%, 70%
CMY	0.3127, 0.0342, 0.2970
CMYK	0.29, 0.00, 0.27, 0.03
HSL	123°, 80%, 83%
HSV	123°, 29%, 97%
XYZ	58.9368, 78.4833, 54.8245
YIQ	217.1330, -20.8090, -35.8890

Conversions

Conversions Part 2

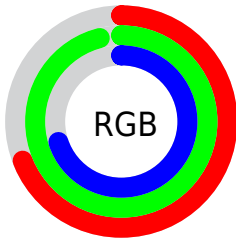
Format	Color
RYB	175, 242, 246
Decimal	11531955
CIELab	91.00, -34.84, 25.37
CIElCh	91, 43.097, 143.935
Yxy	78.4833, 0.3066, 0.4082
Android (android.graphics.Color)	4289722035 (0xFFAFF6B3)
YUV	217.1330, -18.7996, -36.9506
Hunter-Lab	88.5908, -36.2832, 25.3219

Details

The CIELCh color **91, 43.097, 143.935** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **80, 43.114, 327.618**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 13.100, 147.676**, and **71, 42.944, 144.133** is the 20% darker color. If you saturate the color by 10%, you get **89, 57.719, 142.977**, and if you desaturate by 10%, it is **93, 28.149, 144.763**.

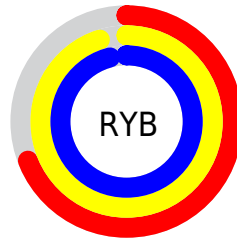
Distribution



Red (69%)

Green (96%)

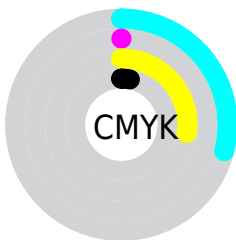
Blue (70%)



Red (69%)

Yellow (95%)

Blue (96%)

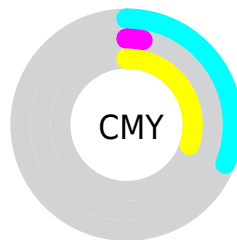


Cyan (29%)

Magenta (0%)

Yellow (27%)

Black (3%)



Cyan (31%)

Magenta (3%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 43.097, 143.935 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 91, 43.097, 143.935 by changing the saturation by 10% instead.

■ 91, 43.097,
143.935

■ 91, 43.097,
143.935

■ 100, 43.097,
143.935

■ 81, 43.097,
143.935

■ 71, 43.097,
143.935

■ 61, 43.097,
143.935


■ 51, 43.097,
143.935

■ 41, 43.097,
143.935


■ 31, 43.097,
143.935


■ 21, 43.097,


143.935

 11, 43.097,
143.935


 1, 43.097, 143.935


 91, 43.097,
143.935

 91, 43.097,
143.935

 89, 57.719,
142.977


 93, 28.149,
144.763

 88, 71.668,
141.886

 95, 13.139,
145.478

 87, 84.531,
140.681

 97, 1.730, 325.867

 86, 95.828,
139.415

 98, 5.434, 324.574

■ 86, 105.036,
138.183

■ 85, 111.660,
137.124

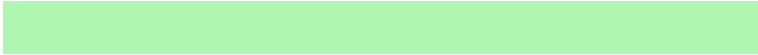
■ 85, 115.451,
136.391

■ 85, 115.733,
136.344

Harmonies

Complementary

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



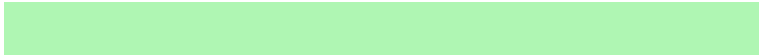
91, 43.097, 143.935



80, 43.114, 327.618

Rectangle

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



91, 43.097, 143.935



91, 43.097, 193.935



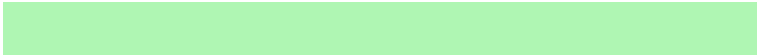
91, 43.097, 323.935



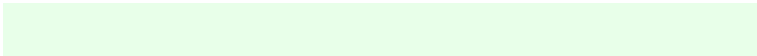
91, 43.097, 13.935

Sweetspot

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



91, 43.099, 143.935



98, 13.770, 145.466



95, 35.929, 109.561



52, 9.578, 145.367



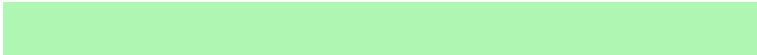
0, 0.000, 0.000



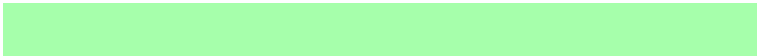
53, 0.007, 296.813

Same Dimension

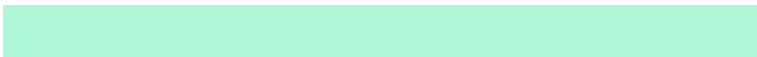
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 43.099, 143.935



93, 53.663, 143.354



92, 29.690, 163.674



50, 8.415, 145.434



66, 93.523, 136.466



20, 39.940, 138.426

Inverse Universe

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



80, 43.114, 327.618



79, 53.624, 327.967



79, 31.082, 349.279



48, 8.429, 326.501



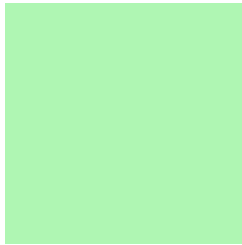
44, 87.289, 330.605



11, 39.037, 330.275

Previews

White Background



This preview shows how the CIE LCh color 91, 43.097, 143.935 looks on a white background.

Color Contrast Check

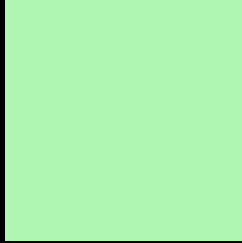
Large Text (above 18pt) WCAG AA × Fail

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 91, 43.097, 143.935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

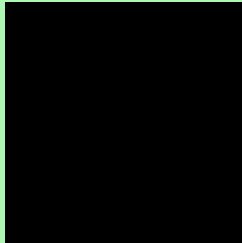
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 43.097, 143.935

Background



This preview shows how black text looks on a background with the CIELCh color 91, 43.097, 143.935.

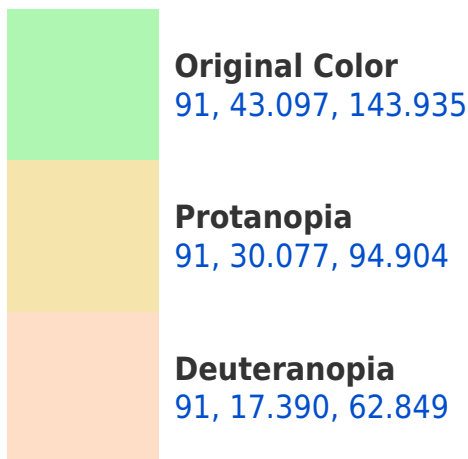



This preview shows how white text looks on a background with the CIELCh color 91, 43.097, 143.935.

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



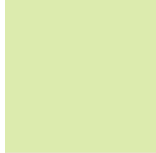


Tritanopia
91, 17.567, 232.937

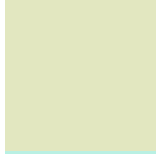
Trichromacy



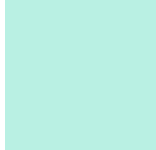
Original Color
91, 43.097, 143.935



Protanomaly
91, 31.757, 118.100

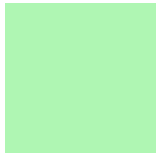


Deuteranomaly
90, 20.183, 113.897

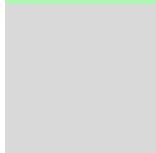


Tritanomaly
91, 20.031, 178.365

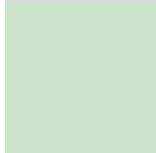
Monochromacy



Original Color
91, 43.097, 143.935



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 16.155, 144.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 43.097, 143.935 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(175, 246, 179)` looks like.

```
.text, #text, p{  
    color:rgb(175, 246, 179)  
}
```

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(175, 246, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 246, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 43.097, 143.935 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(175, 246, 179) }
```

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

```
.border{ border-color:rgb(175, 246, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 246, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 246, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 246, 179);  
box-shadow:4px 4px 4px 4px rgb(175, 246,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 43.097, 143.935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 246, 179) }
```

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

```
.background{ background-color: rgb(175,  
246, 179) }
```

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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