

Converting Colors

CIELCh(91, 46.491, 143.248)

Have a look what the booklet for
CIELCh(91, 46.491, 143.248)
contains.

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Color

CIELCh(91, 46.402, 142.991)

Conversions

Conversions Part 1

Format	Color
Hex	ACF7AE
RGB	172, 247, 174
RGB Percent	67%, 97%, 68%
CMY	0.3248, 0.0307, 0.3170
CMYK	0.30, 0.00, 0.30, 0.03
HSL	122°, 83%, 82%
HSV	122°, 30%, 97%
XYZ	58.0224, 78.4833, 52.2206
YIQ	216.2530, -21.2670, -38.6030

Conversions

Conversions Part 2

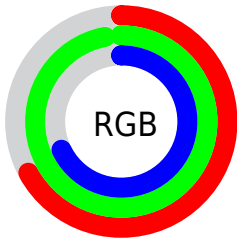
Format	Color
RYB	172, 245, 247
Decimal	11335598
CIELab	91.00, -37.05, 27.93
CIElCh	91, 46.402, 142.991
Yxy	78.4833, 0.3074, 0.4159
Android (android.graphics.Color)	4289525678 (0xFFACF7AE)
YUV	216.2530, -20.8307, -38.8099
Hunter-Lab	88.5908, -38.1256, 27.0646

Details

The CIELCh color **91, 46.402, 142.991** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **80, 46.397, 326.840**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 15.805, 144.887**, and **71, 46.342, 143.041** is the 20% darker color. If you saturate the color by 10%, you get **89, 61.269, 142.024**, and if you desaturate by 10%, it is **93, 31.138, 143.830**.

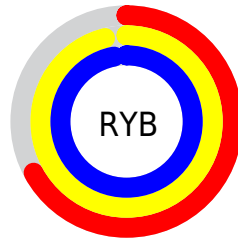
Distribution



Red (67%)

Green (97%)

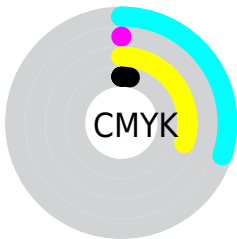
Blue (68%)



Red (67%)

Yellow (96%)

Blue (97%)

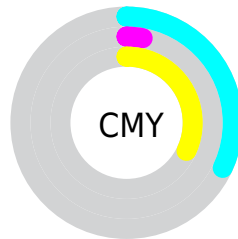


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (3%)



Cyan (32%)


Magenta (3%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 46.402, 142.991 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, 46.402, 142.991 by changing the saturation by 10% instead.


 91, 46.402,
142.991


 91, 46.402,
142.991


 100, 46.402,
142.991


 81, 46.402,
142.991


 71, 46.402,
142.991

 61, 46.402,
142.991


 51, 46.402,
142.991

 41, 46.402,
142.991


 31, 46.402,
142.991


 21, 46.402,


142.991


 11, 46.402,
142.991


 1, 46.402, 142.991


 91, 46.402,
142.991


 91, 46.402,
142.991


 89, 61.269,
142.024


 93, 31.138,
143.830

 88, 75.355,
140.935

 95, 15.768,
144.553

 87, 88.200,
139.755

 97, 0.515, 145.741

 86, 99.261,
138.557

 98, 4.866, 324.548

■ 86, 107.950,
137.461

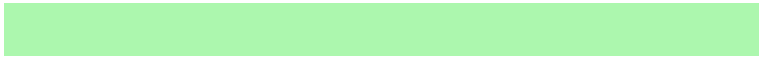
■ 85, 113.758,
136.616

■ 85, 116.559,
136.166

Harmonies

Complementary

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



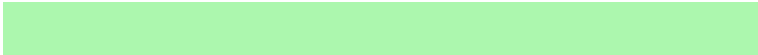
91, 46.402, 142.991



80, 46.397, 326.840

Rectangle

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



91, 46.402, 142.991



91, 46.402, 192.991



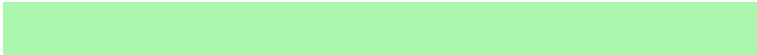
91, 46.402, 322.991



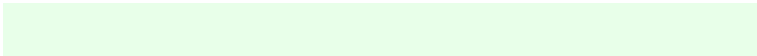
91, 46.402, 12.991

Sweetspot

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



91, 46.404, 142.991



98, 14.053, 144.643



96, 37.855, 107.958



52, 9.775, 144.545



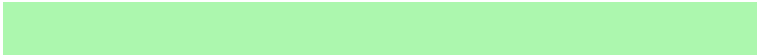
0, 0.000, 0.000



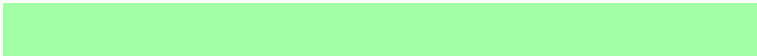
53, 0.007, 296.813

Same Dimension

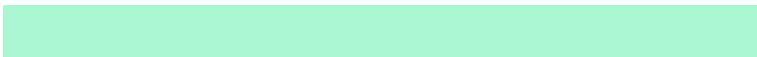
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 46.404, 142.991



93, 56.279, 142.455



92, 32.123, 161.677



50, 8.588, 144.611



66, 94.061, 136.230



20, 40.546, 137.877

Inverse Universe

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



80, 46.397, 326.840



79, 56.213, 327.147



78, 33.466, 347.474



48, 8.602, 325.666



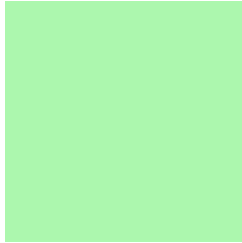
44, 89.345, 329.319



11, 39.833, 329.172

Previews

White Background



This preview shows how the CIELCh color 91, 46.402, 142.991 looks on a white background.

Color Contrast Check

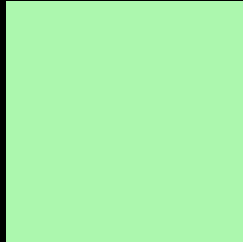
Large Text (above 18pt) WCAG AA × Fail

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, 46.402, 142.991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

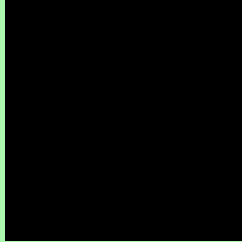
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

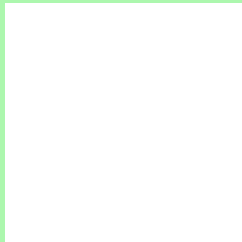
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 46.402, 142.991

Background



This preview shows how black text looks on a background with the CIELCh color 91, 46.402, 142.991.

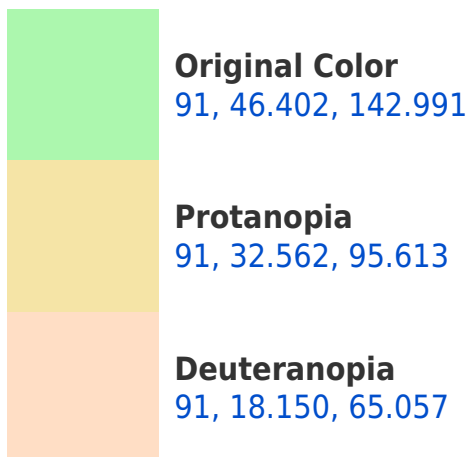


This preview shows how white text looks on a background with the CIELCh color 91, 46.402, 142.991.

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



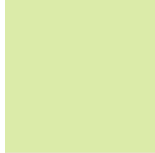


Tritanopia
91, 18.080, 229.807

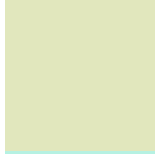
Trichromacy



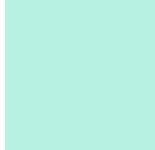
Original Color
91, 46.402, 142.991



Protanomaly
90, 34.303, 117.821



Deuteranomaly
90, 21.752, 114.402

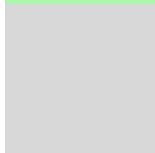


Tritanomaly
91, 21.646, 176.869

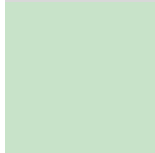
Monochromacy



Original Color
91, 46.402, 142.991



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 16.811, 144.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 46.402, 142.991 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(172, 247, 174)` looks like.

```
.text, #text, p{  
    color:rgb(172, 247, 174)  
}
```

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(172, 247, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 247, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 46.402, 142.991 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(172, 247, 174) }
```

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

```
.border{ border-color:rgb(172, 247, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 247, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 247, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 247, 174);  
box-shadow:4px 4px 4px 4px rgb(172, 247,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 46.402, 142.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 247, 174) }
```

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

```
.background{ background-color: rgb(172,  
247, 174) }
```

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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