

Converting Colors

CIELCh(90, 35.623, 153.016)

Have a look what the booklet for
CIELCh(90, 35.623, 153.016)
contains.

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Color

CIELCh(90, 35.531, 152.845)

Conversions

Conversions Part 1

Format	Color
Hex	ABF2C2
RGB	171, 242, 194
RGB Percent	67%, 95%, 76%
CMY	0.3282, 0.0497, 0.2380
CMYK	0.29, 0.00, 0.20, 0.05
HSL	139°, 74%, 81%
HSV	139°, 29%, 95%
XYZ	58.4870, 76.3034, 62.8700
YIQ	215.2990, -26.9080, -29.9800

Conversions

Conversions Part 2

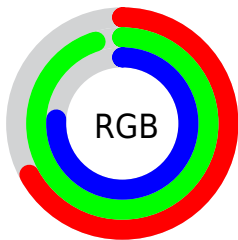
Format	Color
RYB	171, 225, 242
Decimal	11268802
CIELab	90.00, -31.61, 16.22
CIELCh	90, 35.531, 152.845
Yxy	76.3034, 0.2959, 0.3860
Android (android.graphics.Color)	4289458882 (0xFFABF2C2)
YUV	215.2990, -10.5004, -38.8502
Hunter-Lab	87.3518, -33.3497, 18.4732

Details

The CIELCh color **90, 35.531, 152.845** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78, 35.985, 337.463**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.509, 186.449**, and **70, 35.864, 152.460** is the 20% darker color. If you saturate the color by 10%, you get **89, 47.349, 151.760**, and if you desaturate by 10%, it is **92, 23.443, 153.791**.

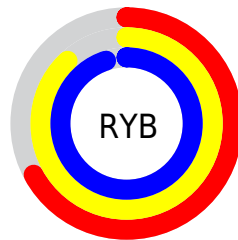
Distribution



Red (67%)

Green (95%)

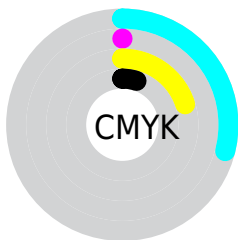
Blue (76%)



Red (67%)

Yellow (88%)

Blue (95%)

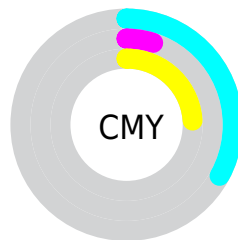


Cyan (29%)

Magenta (0%)

Yellow (20%)

Black (5%)



Cyan (33%)


Magenta (5%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 35.531, 152.845 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 90, 35.531, 152.845 by changing the saturation by 10% instead.


 90, 35.531,
152.845


 90, 35.531,
152.845


 100, 35.531,
152.845


 80, 35.531,
152.845


 70, 35.531,
152.845

 60, 35.531,
152.845


 50, 35.531,
152.845

 40, 35.531,
152.845


 30, 35.531,
152.845


 20, 35.531,


152.845


 10, 35.531,
152.845


 0, 35.531, 152.845


 90, 35.531,
152.845


 90, 35.531,
152.845

 89, 47.349,
151.760

 92, 23.443,
153.791


 87, 58.674,
150.512

 94, 11.266,
154.629

 86, 69.277,
149.081

 96, 0.846, 334.840

 97, 7.891, 324.677

 85, 78.934,
147.456

■ 85, 87.460,
145.642

■ 84, 94.732,
143.675

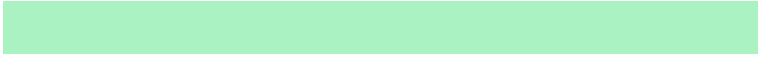
■ 84, 100.756,
141.658

■ 84, 101.142,
141.527

Harmonies

Complementary

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



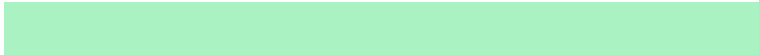
90, 35.531, 152.845



78, 35.985, 337.463

Rectangle

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



90, 35.531, 152.845



90, 35.531, 202.845



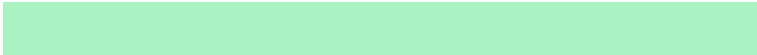
90, 35.531, 332.845



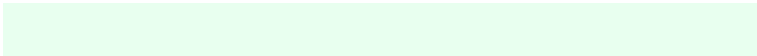
90, 35.531, 22.845

Sweetspot

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



90, 35.533, 152.845



98, 11.355, 154.652



93, 37.118, 120.755



52, 7.896, 154.534



0, 0.000, 0.000



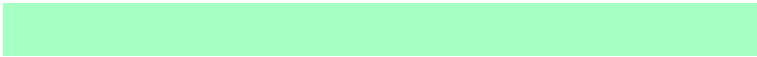
53, 0.007, 296.813

Same Dimension

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



90, 35.533, 152.845



93, 44.090, 152.235



91, 24.687, 181.847



50, 6.938, 154.614



66, 82.303, 141.886



21, 33.996, 145.177

Inverse Universe

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



78, 35.985, 337.463



78, 44.701, 337.959



77, 28.092, 7.784



48, 6.978, 335.900



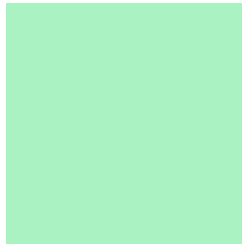
41, 71.795, 346.694



10, 32.796, 343.520

Previews

White Background



This preview shows how the CIE LCh color 90, 35.531, 152.845 looks on a white background.

Color Contrast Check

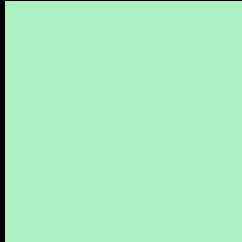
Large Text (above 18pt) WCAG AA × Fail

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 90, 35.531, 152.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

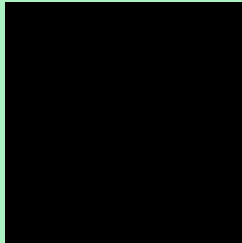
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

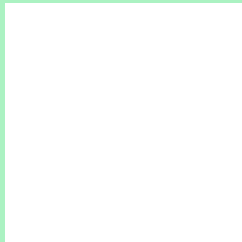
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 35.531, 152.845

Background



This preview shows how black text looks on a background with the CIELCh color 90, 35.531, 152.845.

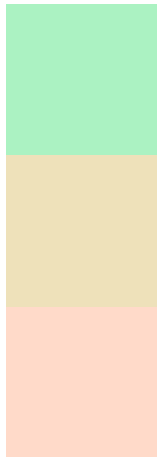


This preview shows how white text looks on a background with the CIELCh color 90, 35.531, 152.845.

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
90, 35.531, 152.845

Protanopia
90, 20.772, 94.578

Deuteranopia
90, 16.670, 51.899

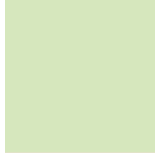


Tritanopia
90, 18.832, 230.341

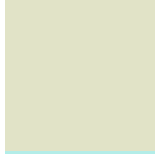
Trichromacy



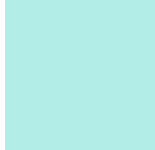
Original Color
90, 35.531, 152.845



Protanomaly
89, 22.620, 124.771



Deuteranomaly
89, 14.506, 111.931

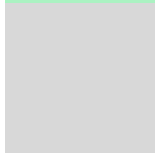


Tritanomaly
90, 19.609, 190.464

Monochromacy



Original Color
90, 35.531, 152.845



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 13.335, 153.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 35.531, 152.845 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(171, 242, 194)` looks like.

```
.text, #text, p{  
    color:rgb(171, 242, 194)  
}
```

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(171, 242, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 242, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 35.531, 152.845 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(171, 242, 194) }
```

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

```
.border{ border-color:rgb(171, 242, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 242, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 242, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 242, 194);  
box-shadow:4px 4px 4px 4px rgb(171, 242,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 35.531, 152.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 242, 194) }
```

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

```
.background{ background-color: rgb(171,  
242, 194) }
```

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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