

Converting Colors

CIELCh(91, 35.826, 150.993)

Have a look what the booklet for
CIELCh(91, 35.826, 150.993)
contains.

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Color

CIELCh(91, 35.766, 151.076)

Conversions

Conversions Part 1

Format	Color
Hex	B0F5C3
RGB	176, 245, 195
RGB Percent	69%, 96%, 76%
CMY	0.3098, 0.0392, 0.2352
CMYK	0.28, 0.00, 0.20, 0.04
HSL	137°, 78%, 83%
HSV	137°, 28%, 96%
XYZ	60.4140, 78.4833, 63.6002
YIQ	218.6690, -25.0740, -30.1780

Conversions

Conversions Part 2

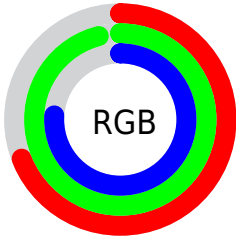
Format	Color
RYB	176, 230, 245
Decimal	11597251
CIELab	91.00, -31.30, 17.30
CIELCh	91, 35.766, 151.076
Yxy	78.4833, 0.2983, 0.3876
Android (android.graphics.Color)	4289787331 (0xFFB0F5C3)
YUV	218.6690, -11.6688, -37.4207
Hunter-Lab	88.5908, -33.3069, 19.4487

Details

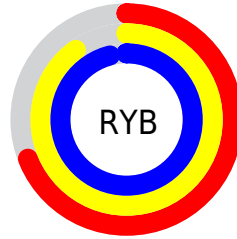
The CIELCh color **91, 35.766, 151.076** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80, 36.076, 335.289**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 7.740, 187.583**, and **71, 35.513, 150.897** is the 20% darker color. If you saturate the color by 10%, you get **89, 48.210, 150.032**, and if you desaturate by 10%, it is **93, 23.076, 151.982**.

Distribution



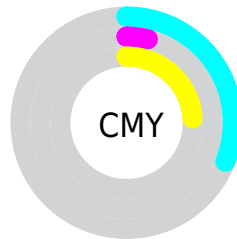
- Red (69%)
- Green (96%)
- Blue (76%)



- Red (69%)
- Yellow (90%)
- Blue (96%)



- Cyan (28%)
- Magenta (0%)
- Yellow (20%)
- Black (4%)





- Cyan (31%)
- Magenta (4%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 35.766, 151.076 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, 35.766, 151.076 by changing the saturation by 10% instead.


 91, 35.766,
151.076


 91, 35.766,
151.076


 100, 35.766,
151.076


 81, 35.766,
151.076


 71, 35.766,
151.076

 61, 35.766,
151.076


 51, 35.766,
151.076

 41, 35.766,
151.076


 31, 35.766,
151.076


 21, 35.766,


151.076


 11, 35.766,
151.076


 1, 35.766, 151.076


 91, 35.766,
151.076

 91, 35.766,
151.076

 89, 48.210,
150.032


 93, 23.076,
151.982

 88, 60.173,
148.828

 95, 10.329,
152.784

 87, 71.403,
147.447

 97, 2.319, 333.260

 86, 81.645,
145.881

 98, 6.217, 324.608

■ 86, 90.673,
144.144

■ 85, 98.313,
142.280

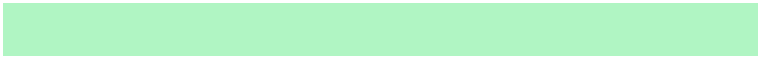
■ 85, 104.482,
140.389

■ 85, 105.487,
140.070

Harmonies

Complementary

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



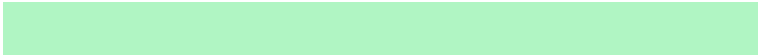
91, 35.766, 151.076



80, 36.076, 335.289

Rectangle

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



91, 35.766, 151.076



91, 35.766, 201.076



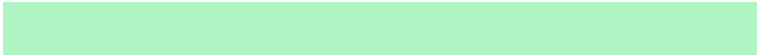
91, 35.766, 331.076



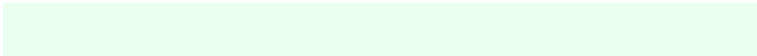
91, 35.766, 21.076

Sweetspot

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



91, 35.768, 151.076



98, 10.455, 152.795



94, 35.710, 118.805



52, 7.437, 152.678



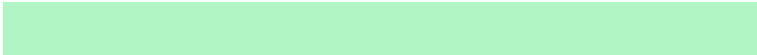
0, 0.000, 0.000



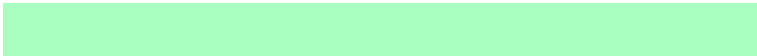
53, 0.007, 296.813

Same Dimension

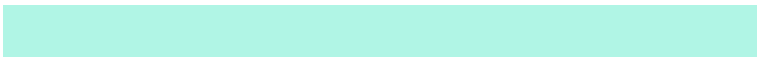
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 35.768, 151.076



93, 44.490, 150.477



92, 24.730, 178.042



50, 7.192, 152.681



66, 85.147, 140.412



21, 35.256, 143.532

Inverse Universe

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



80, 36.076, 335.289



79, 44.894, 335.752



79, 27.489, 3.876



48, 7.224, 333.914



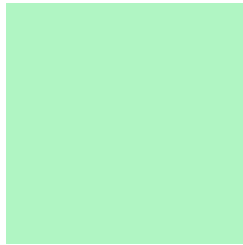
42, 74.045, 343.115



10, 33.760, 340.632

Previews

White Background



This preview shows how the CIELCh color 91, 35.766, 151.076 looks on a white background.

Color Contrast Check

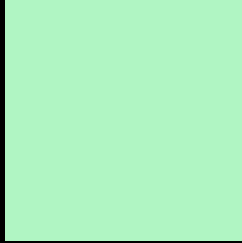
Large Text (above 18pt) WCAG AA × Fail

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, 35.766, 151.076 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, 35.766, 151.076

Background



This preview shows how black text looks on a background with the CIELCh color 91, 35.766, 151.076.

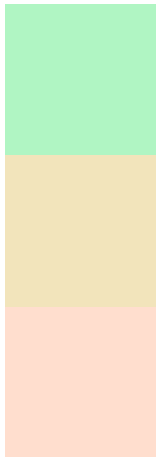


This preview shows how white text looks on a background with the CIELCh color 91, 35.766, 151.076.

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
91, 35.766, 151.076

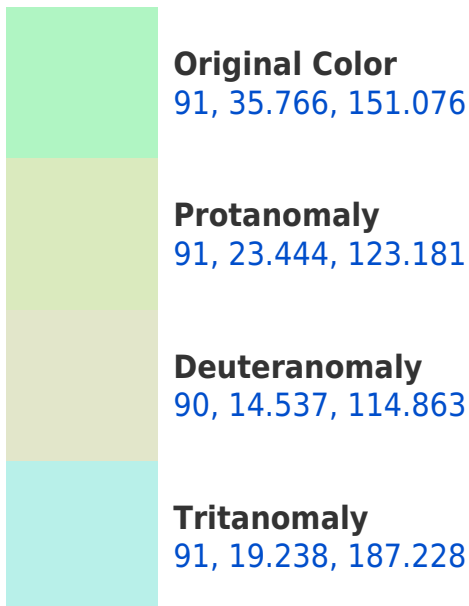
Protanopia
91, 21.815, 94.150

Deuteranopia
91, 14.991, 53.379

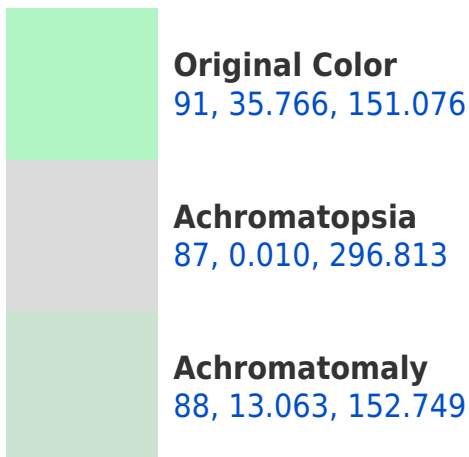


Tritanopia
91, 17.825, 230.318

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 35.766, 151.076 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(176, 245, 195)` looks like.

```
.text, #text, p{  
    color:rgb(176, 245, 195)  
}
```

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(176, 245, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 245, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 35.766, 151.076 is called "border". The border property can be set on classes, ids or directly on the HTML element.

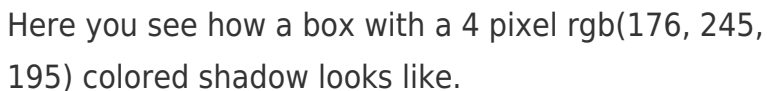
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 245, 195) }
```

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

```
.border{ border-color:rgb(176, 245, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 245, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 245, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 245, 195); box-shadow:4px 4px 4px 4px rgb(176, 245, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 35.766, 151.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 245, 195) }
```

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

```
.background{ background-color: rgb(176,  
245, 195) }
```

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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