

Converting Colors

CIELCh(91, 31.687, 161.355)

Have a look what the booklet for
CIELCh(91, 31.687, 161.355)
contains.

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Color

CIELCh(91, 31.826, 161.526)

Conversions

Conversions Part 1

Format	Color
Hex	ABF5D1
RGB	171, 245, 209
RGB Percent	67%, 96%, 82%
CMY	0.3298, 0.0396, 0.1808
CMYK	0.30, 0.00, 0.15, 0.04
HSL	151°, 79%, 82%
HSV	151°, 30%, 96%
XYZ	60.8869, 78.4833, 72.1928
YIQ	218.7700, -32.5480, -26.8840

Conversions

Conversions Part 2

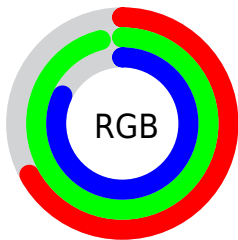
Format	Color
RYB	171, 220, 245
Decimal	11269585
CIELab	91.00, -30.19, 10.08
CIELCh	91, 31.826, 161.526
Yxy	78.4833, 0.2878, 0.3710
Android (android.graphics.Color)	4289459665 (0xFFABF5D1)
YUV	218.7700, -4.8166, -41.8943
Hunter-Lab	88.5908, -32.3541, 13.6980

Details

The CIELCh color **91, 31.826, 161.526** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78, 33.131, 347.273**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.184, 198.897**, and **71, 31.544, 162.172** is the 20% darker color. If you saturate the color by 10%, you get **90, 41.866, 160.334**, and if you desaturate by 10%, it is **93, 21.434, 162.588**.

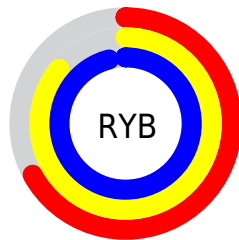
Distribution



Red (67%)

Green (96%)

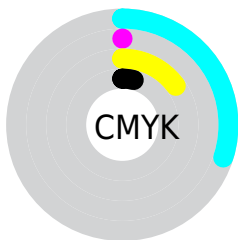
Blue (82%)



Red (67%)

Yellow (86%)

Blue (96%)

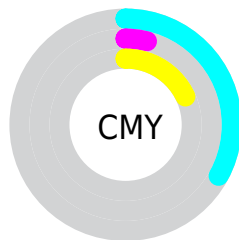


Cyan (30%)

Magenta (0%)

Yellow (15%)

Black (4%)



Cyan (33%)


Magenta (4%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 31.826, 161.526 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, 31.826, 161.526 by changing the saturation by 10% instead.


 91, 31.826,
161.526


 91, 31.826,
161.526


 100, 31.826,
161.526


 81, 31.826,
161.526

 71, 31.826,
161.526

 61, 31.826,
161.526


 51, 31.826,
161.526

 41, 31.826,
161.526


 31, 31.826,
161.526


 21, 31.826,


161.526


 11, 31.826,
161.526


 1, 31.826, 161.526


 91, 31.826,
161.526

 91, 31.826,
161.526

 90, 41.866,
160.334


 93, 21.434,
162.588

 88, 51.367,
158.989

 94, 10.852,
163.555

 87, 60.150,
157.463

 96, 0.222, 166.522

 87, 68.059,
155.735

 98, 6.292, 324.612

■ 86, 74.993,
153.789

■ 86, 80.931,
151.633

■ 85, 85.923,
149.393

Harmonies

Complementary

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



91, 31.826, 161.526



78, 33.131, 347.273

Rectangle

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



91, 31.826, 161.526



91, 31.826, 211.526



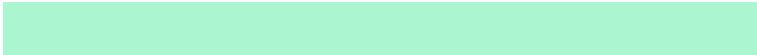
91, 31.826, 341.526



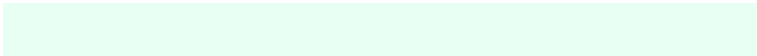
91, 31.826, 31.526

Sweetspot

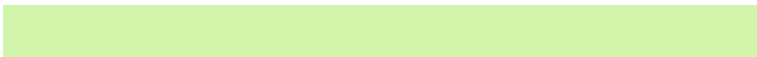
The Sweet Spot groups the original color and five complimentary colors.



91, 31.828, 161.525



98, 9.877, 163.668



92, 40.175, 127.651



52, 6.864, 163.531



0, 0.000, 0.000



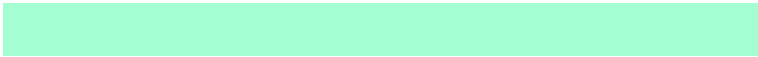
53, 0.007, 296.813

Same Dimension

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



91, 31.828, 161.525



93, 38.940, 160.844



92, 23.779, 197.906



50, 6.034, 163.624



67, 69.331, 149.820



21, 28.730, 153.401

Inverse Universe

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



78, 33.131, 347.273



77, 40.819, 347.977



77, 29.295, 21.967



48, 6.117, 345.148



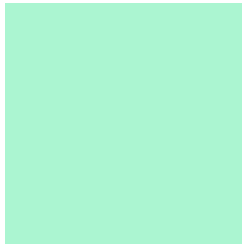
40, 66.774, 3.314



9, 30.137, 356.960

Previews

White Background



This preview shows how the CIE LCh color 91, 31.826, 161.526 looks on a white background.

Color Contrast Check

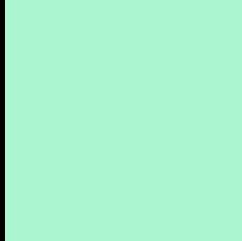
Large Text (above 18pt) WCAG AA × Fail

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, 31.826, 161.526 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, 31.826, 161.526

Background



This preview shows how black text looks on a background with the CIELCh color 91, 31.826, 161.526.

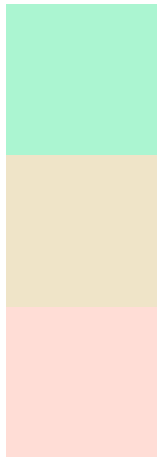


This preview shows how white text looks on a background with the CIELCh color 91, 31.826, 161.526.

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, 31.826, 161.526

Protanopia
91, 15.029, 92.993

Deuteranopia
91, 13.180, 36.066

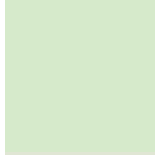


Tritanopia
91, 18.846, 228.366

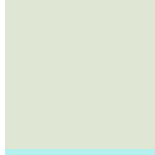
Trichromacy



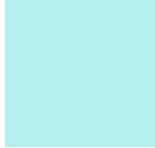
Original Color
91, 31.826, 161.526



Protanomaly
91, 17.658, 133.409



Deuteranomaly
90, 9.575, 122.633

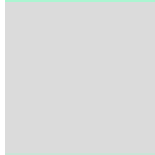


Tritanomaly
91, 19.881, 195.118

Monochromacy



Original Color
91, 31.826, 161.526



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 11.543, 162.723

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 31.826, 161.526 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, 245, 209)` looks like.

```
.text, #text, p{  
    color:rgb(171, 245, 209)  
}
```

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, 245, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 245, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 31.826, 161.526 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, 245, 209) }
```

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

```
.border{ border-color:rgb(171, 245, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 245, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 245, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 245, 209);  
box-shadow:4px 4px 4px 4px rgb(171, 245,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 31.826, 161.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 245, 209) }
```

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

```
.background{ background-color: rgb(171,  
245, 209) }
```

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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