

Converting Colors

CIELCh(91, 30.812, 160.258)

Have a look what the booklet for
CIELCh(91, 30.812, 160.258)
contains.

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Color

CIELCh(91, 30.833, 160.246)

Conversions

Conversions Part 1

Format	Color
Hex	AEF4D0
RGB	174, 244, 208
RGB Percent	68%, 96%, 82%
CMY	0.3165, 0.0419, 0.1832
CMYK	0.29, 0.00, 0.15, 0.04
HSL	149°, 77%, 82%
HSV	149°, 29%, 96%
XYZ	61.3829, 78.4833, 71.7761
YIQ	218.9660, -30.1640, -26.0360

Conversions

Conversions Part 2

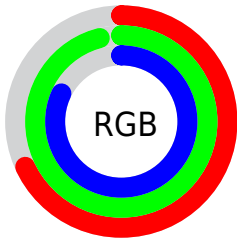
Format	Color
R_{YB}	174, 221, 244
Decimal	11465936
CIE _{Lab}	91.00, -29.02, 10.42
CIE _{LCh}	91, 30.833, 160.246
Yxy	78.4833, 0.2900, 0.3708
Android (android.graphics.Color)	4289656016 (0xFFAEF4D0)
YUV	218.9660, -5.4062, -39.4352
Hunter-Lab	88.5908, -31.3546, 13.9769

Details

The CIELCh color **91, 30.833, 160.246** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 31.874, 345.509**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.189, 198.968**, and **71, 30.304, 160.626** is the 20% darker color. If you saturate the color by 10%, you get **90, 41.183, 159.087**, and if you desaturate by 10%, it is **93, 20.173, 161.276**.

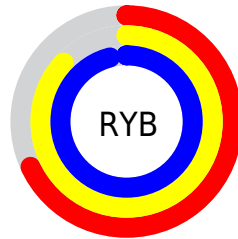
Distribution



Red (68%)

Green (96%)

Blue (82%)



Red (68%)

Yellow (87%)

Blue (96%)

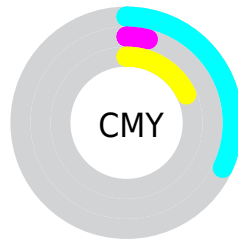


Cyan (29%)

Magenta (0%)

Yellow (15%)

Black (4%)



Cyan (32%)


Magenta (4%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 30.833, 160.246 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, 30.833, 160.246 by changing the saturation by 10% instead.


 91, 30.833,
160.246


 91, 30.833,
160.246


 100, 30.833,
160.246


 81, 30.833,
160.246


 71, 30.833,
160.246

 61, 30.833,
160.246


 51, 30.833,
160.246

 41, 30.833,
160.246


 31, 30.833,
160.246


 21, 30.833,


160.246


 11, 30.833,
160.246


 1, 30.833, 160.246

 91, 30.833,
160.246


 91, 30.833,
160.246

 90, 41.183,
159.087

 93, 20.173,
161.276


 88, 51.035,
157.777

 95, 9.363, 162.216

 87, 60.203,
156.287

 97, 1.456, 342.669

 97, 6.660, 324.627

 86, 68.517,
154.595

■ 86, 75.859,
152.688

■ 85, 82.185,
150.571

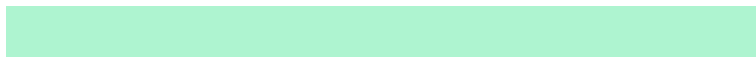
■ 85, 87.584,
148.298

■ 85, 88.273,
148.001

Harmonies

Complementary

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



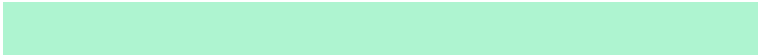
91, 30.833, 160.246



79, 31.874, 345.509

Rectangle

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



91, 30.833, 160.246



91, 30.833, 210.246



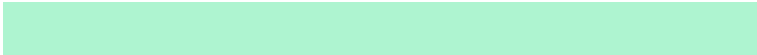
91, 30.833, 340.246



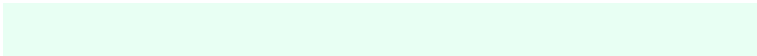
91, 30.833, 30.246

Sweetspot

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



91, 30.835, 160.245



98, 10.078, 162.183



92, 37.892, 127.130



52, 7.005, 162.048



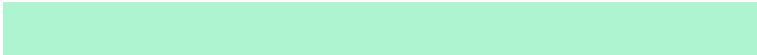
0, 0.000, 0.000



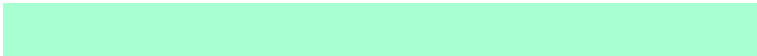
53, 0.007, 296.813

Same Dimension

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



91, 30.835, 160.245



94, 37.697, 159.635



92, 22.728, 196.431



50, 6.157, 162.140



66, 71.353, 148.421



21, 29.520, 151.992

Inverse Universe

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



79, 31.874, 345.509



79, 39.184, 346.117



78, 27.498, 20.504



48, 6.232, 343.629



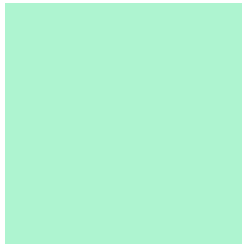
40, 67.071, 0.664



9, 30.397, 354.788

Previews

White Background



This preview shows how the CIELCh color 91, 30.833, 160.246 looks on a white background.

Color Contrast Check

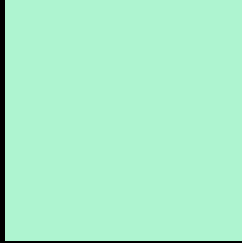
Large Text (above 18pt) WCAG AA × Fail

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 91, 30.833, 160.246 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, 30.833, 160.246

Background



This preview shows how black text looks on a background with the CIELCh color 91, 30.833, 160.246.

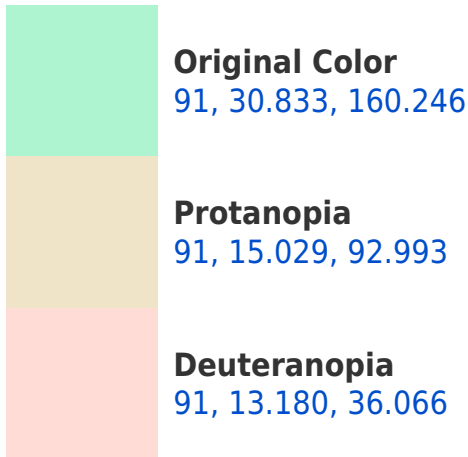


This preview shows how white text looks on a background with the CIELCh color 91, 30.833, 160.246.

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



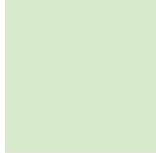


Tritanopia
91, 18.335, 229.312

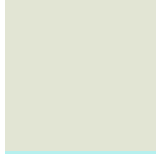
Trichromacy



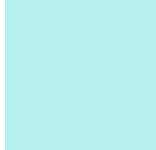
Original Color
91, 30.833, 160.246



Protanomaly
91, 17.503, 132.351

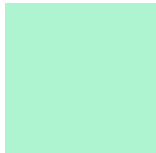


Deuteranomaly
90, 8.864, 116.562

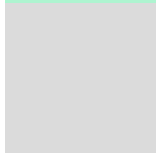


Tritanomaly
91, 19.277, 195.065

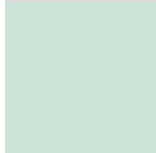
Monochromacy



Original Color
91, 30.833, 160.246



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 11.262, 161.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 30.833, 160.246 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(174, 244, 208)` looks like.

```
.text, #text, p{  
    color:rgb(174, 244, 208)  
}
```

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(174, 244, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 244, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 30.833, 160.246 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(174, 244, 208) }
```

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

```
.border{ border-color:rgb(174, 244, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 244, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 244, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 244, 208);  
box-shadow:4px 4px 4px 4px rgb(174, 244,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 30.833, 160.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 244, 208) }
```

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

```
.background{ background-color: rgb(174,  
244, 208) }
```

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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