

Converting Colors

CIELCh(91, 26.729, 180.839)

Have a look what the booklet for
CIELCh(91, 26.729, 180.839)
contains.

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Color

CIELCh(91, 26.755, 180.693)

Conversions

Conversions Part 1

Format	Color
Hex	A7F4E5
RGB	167, 244, 229
RGB Percent	65%, 96%, 90%
CMY	0.3455, 0.0436, 0.1024
CMYK	0.32, 0.00, 0.06, 0.04
HSL	168°, 78%, 81%
HSV	168°, 32%, 96%
XYZ	62.3533, 78.4833, 85.9055
YIQ	219.2670, -41.0770, -20.9890

Conversions

Conversions Part 2

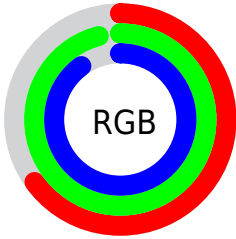
Format	Color
R_{YB}	167, 210, 244
Decimal	11007205
CIE _{Lab}	91.00, -26.75, -0.32
CIE _{LCh}	91, 26.755, 180.693
Yxy	78.4833, 0.2750, 0.3461
Android (android.graphics.Color)	4289197285 (0xFFA7F4E5)
YUV	219.2670, 4.7984, -45.8382
Hunter-Lab	88.5908, -29.3994, 4.5208

Details

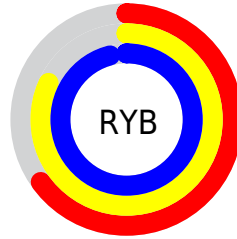
The CIELCh color **91, 26.755, 180.693** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **76, 30.635, 7.255**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.500, 198.806**, and **71, 26.891, 180.689** is the 20% darker color. If you saturate the color by 10%, you get **90, 34.203, 179.620**, and if you desaturate by 10%, it is **92, 18.707, 181.697**.

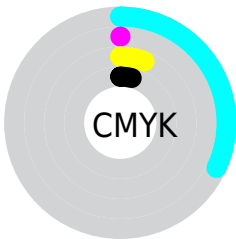
Distribution



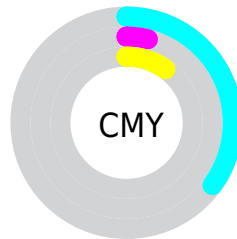
- Red (65%)
- Green (96%)
- Blue (90%)



- Red (65%)
- Yellow (82%)
- Blue (96%)



- Cyan (32%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)





- Cyan (35%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 26.755, 180.693 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, 26.755, 180.693 by changing the saturation by 10% instead.


 91, 26.755,
180.693


 91, 26.755,
180.693


 100, 26.755,
180.693


 81, 26.755,
180.693

 71, 26.755,
180.693

 61, 26.755,
180.693

 51, 26.755,
180.693

 41, 26.755,
180.693

 31, 26.755,
180.693

 21, 26.755,

180.693

■ 11, 26.755,
180.693

■ 1, 26.755, 180.693

■ 91, 26.755,
180.693

■ 91, 26.755,
180.693

■ 90, 34.203,
179.620

■ 92, 18.707,
181.697

■ 89, 40.898,
178.467

■ 94, 10.208,
182.666

■ 88, 46.706,
177.209

■ 96, 1.400, 183.931

■ 87, 51.532,
175.822

■ 97, 4.446, 352.194

■ 97, 5.970, 331.169

■ 87, 55.339,
174.282

■ 97, 6.923, 324.638

■ 86, 58.171,
172.573

■ 86, 59.971,
171.027

Harmonies

Complementary

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



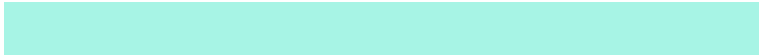
91, 26.755, 180.693



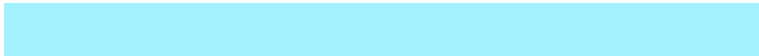
76, 30.635, 7.255

Rectangle

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



91, 26.755, 180.693



91, 26.755, 230.693



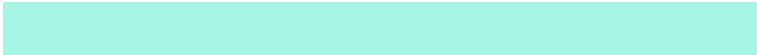
91, 26.755, 0.693



91, 26.755, 50.693

Sweetspot

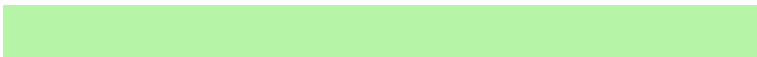
The Sweet Spot groups the original color and five complimentary colors.



91, 26.756, 180.690



98, 8.260, 182.916



91, 45.612, 137.113



52, 5.729, 182.772



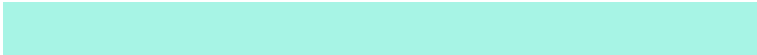
0, 0.000, 0.000



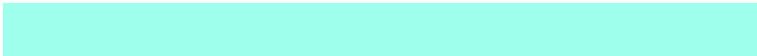
53, 0.007, 296.813

Same Dimension

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



91, 26.756, 180.690



94, 32.776, 180.001



85, 20.626, 234.792



50, 5.043, 182.870



68, 48.762, 171.362



21, 20.986, 174.087

Inverse Universe

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



76, 30.635, 7.255



75, 38.701, 8.317



81, 25.033, 49.689



48, 5.240, 4.473



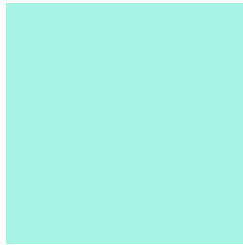
39, 73.630, 29.870



9, 30.019, 16.958

Previews

White Background



This preview shows how the CIE LCh color 91, 26.755, 180.693 looks on a white background.

Color Contrast Check

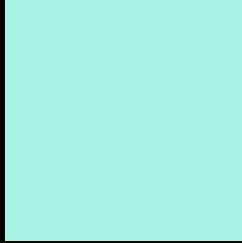
Large Text (above 18pt) WCAG AA × Fail

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, 26.755, 180.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

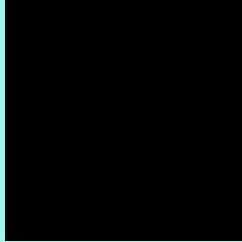
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 26.755, 180.693

Background



This preview shows how black text looks on a background with the CIELCh color 91, 26.755, 180.693.

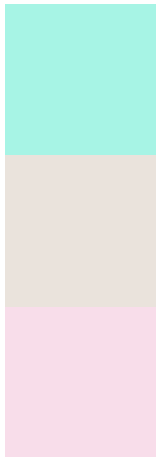


This preview shows how white text looks on a background with the CIELCh color 91, 26.755, 180.693.

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, 26.755, 180.693

Protanopia
91, 4.403, 74.598

Deuteranopia
91, 11.824, 345.561

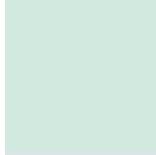


Tritanopia
91, 19.677, 225.187

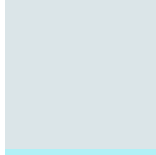
Trichromacy



Original Color
91, 26.755, 180.693



Protanomaly
90, 9.707, 166.500



Deuteranomaly
90, 3.813, 223.484

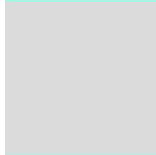


Tritanomaly
91, 20.515, 206.927

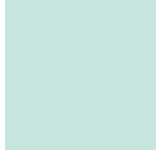
Monochromacy



Original Color
91, 26.755, 180.693



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 10.172, 183.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 26.755, 180.693 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(167, 244, 229)` looks like.

```
.text, #text, p{  
    color:rgb(167, 244, 229)  
}
```

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(167, 244, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 244, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 26.755, 180.693 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(167, 244, 229) }
```

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

```
.border{ border-color:rgb(167, 244, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 244, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 244, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 244, 229);  
box-shadow:4px 4px 4px 4px rgb(167, 244,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 26.755, 180.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 244, 229) }
```

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

```
.background{ background-color: rgb(167,  
244, 229) }
```

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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