

Converting Colors

CIE LCh(91, 29.209, 170.001)

Have a look what the booklet for
CIELCh(91, 29.209, 170.001)
contains.

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Color

CIELCh(91, 29.209, 170.001)

Conversions

Conversions Part 1

Format	Color
Hex	A9F5DB
RGB	169, 245, 219
RGB Percent	66%, 96%, 86%
CMY	0.3391, 0.0411, 0.1430
CMYK	0.31, 0.00, 0.11, 0.04
HSL	159°, 78%, 81%
HSV	159°, 31%, 96%
XYZ	61.4909, 78.4833, 78.5993
YIQ	219.3120, -36.9500, -24.1980

Conversions

Conversions Part 2

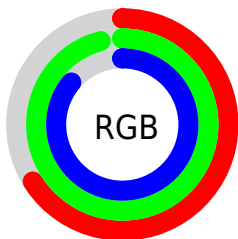
Format	Color
RYB	169, 215, 245
Decimal	11138523
CIELab	91.00, -28.77, 5.07
CIELCh	91, 29.209, 170.001
Yxy	78.4833, 0.2813, 0.3591
Android (android.graphics.Color)	4289328603 (0xFFA9F5DB)
YUV	219.3120, -0.1538, -44.1236
Hunter-Lab	88.5908, -31.1371, 9.4105

Details

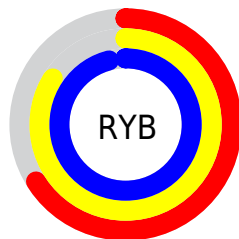
The CIELCh color **91, 29.209, 170.001** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **77, 31.611, 356.539**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.843, 198.851**, and **71, 29.061, 170.268** is the 20% darker color. If you saturate the color by 10%, you get **90, 37.878, 168.785**, and if you desaturate by 10%, it is **93, 20.078, 171.106**.

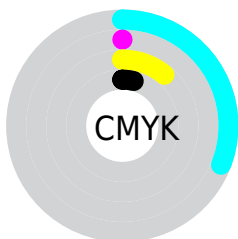
Distribution



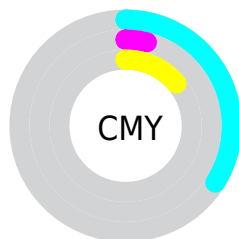
- Red (66%)
- Green (96%)
- Blue (86%)



- Red (66%)
- Yellow (84%)
- Blue (96%)



- Cyan (31%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)





- Cyan (34%)
- Magenta (4%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 29.209, 170.001 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, 29.209, 170.001 by changing the saturation by 10% instead.


 91, 29.209,
170.001


 91, 29.209,
170.001


 100, 29.209,
170.001


 81, 29.209,
170.001

 71, 29.209,
170.001

 61, 29.209,
170.001

 51, 29.209,
170.001

 41, 29.209,
170.001

 31, 29.209,
170.001

 21, 29.209,

170.001

■ 11, 29.209,
170.001

■ 1, 29.209, 170.001

■ 91, 29.209,
170.001

■ 91, 29.209,
170.001

■ 90, 37.878,
168.785

■ 93, 20.078,
171.106

■ 89, 45.916,
167.439

■ 94, 10.638,
172.136

■ 88, 53.170,
165.935

■ 96, 1.032, 173.538

■ 87, 59.518,
164.246

■ 97, 5.332, 334.005

■ 97, 6.528, 324.622

■ 86, 64.894,
162.354

■ 86, 69.320,
160.251

■ 86, 72.631,
158.248

Harmonies

Complementary

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



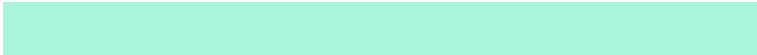
91, 29.209, 170.001



77, 31.611, 356.539

Rectangle

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



91, 29.209, 170.001



91, 29.209, 220.001



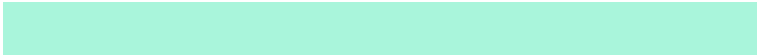
91, 29.209, 350.001



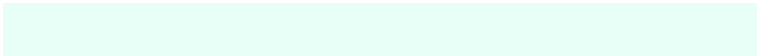
91, 29.209, 40.001

Sweetspot

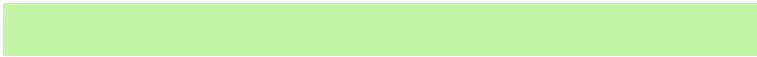
The Sweet Spot groups the original color and five complimentary colors.



91, 29.210, 169.999



98, 8.954, 172.344



91, 42.990, 132.671



52, 6.217, 172.196



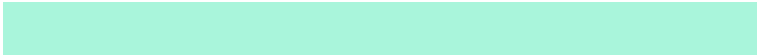
0, 0.000, 0.000



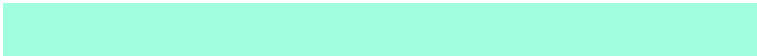
53, 0.007, 296.813

Same Dimension

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



91, 29.210, 169.999



94, 35.598, 169.284



89, 21.278, 214.479



50, 5.469, 172.297



67, 58.767, 158.664



21, 24.698, 162.096

Inverse Universe

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



77, 31.611, 356.539



76, 39.133, 357.423



79, 26.609, 34.420



48, 5.601, 353.955



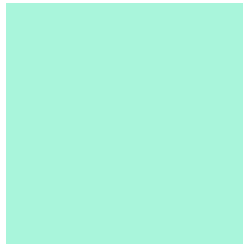
39, 68.012, 17.259



9, 29.619, 8.388

Previews

White Background



This preview shows how the CIE LCh color 91, 29.209, 170.001 looks on a white background.

Color Contrast Check

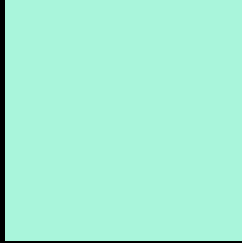
Large Text (above 18pt) WCAG AA × Fail

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, 29.209, 170.001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

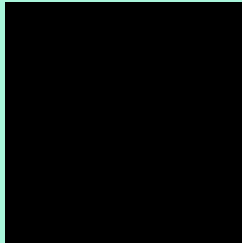
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

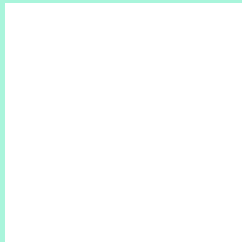
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 29.209, 170.001

Background



This preview shows how black text looks on a background with the CIELCh color 91, 29.209, 170.001.

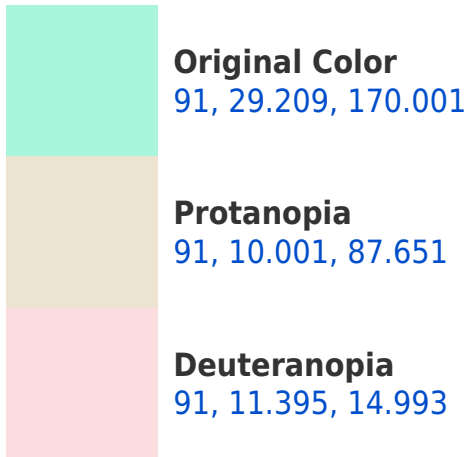


This preview shows how white text looks on a background with the CIELCh color 91, 29.209, 170.001.

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



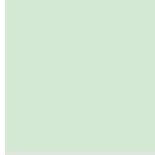


Tritanopia
91, 19.417, 225.587

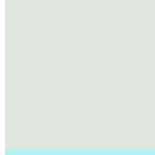
Trichromacy



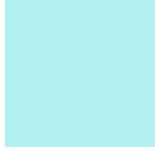
Original Color
91, 29.209, 170.001



Protanomaly
90, 13.320, 143.932



Deuteranomaly
90, 5.496, 141.255

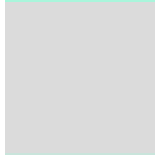


Tritanomaly
91, 20.250, 201.080

Monochromacy



Original Color
91, 29.209, 170.001



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 10.683, 172.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 29.209, 170.001 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(169, 245, 219)` looks like.

```
.text, #text, p{  
    color:rgb(169, 245, 219)  
}
```

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(169, 245, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 245, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 29.209, 170.001 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(169, 245, 219) }
```

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

```
.border{ border-color:rgb(169, 245, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 245, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 245, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 245, 219);  
box-shadow:4px 4px 4px 4px rgb(169, 245,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 29.209, 170.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 245, 219) }
```

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

```
.background{ background-color: rgb(169,  
245, 219) }
```

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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