

Converting Colors

CIELCh(91, 27.584, 174.322)

Have a look what the booklet for
CIELCh(91, 27.584, 174.322)
contains.

CIELCh(91, 27.599, 174.309)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 27.599, 174.309)

Conversions

Conversions Part 1

Format	Color
Hex	A9F4DF
RGB	169, 244, 223
RGB Percent	66%, 96%, 87%
CMY	0.3372, 0.0430, 0.1254
CMYK	0.31, 0.00, 0.09, 0.04
HSL	163°, 77%, 81%
HSV	163°, 31%, 96%
XYZ	62.0481, 78.4833, 81.7079
YIQ	219.1810, -37.9590, -22.4310

Conversions

Conversions Part 2

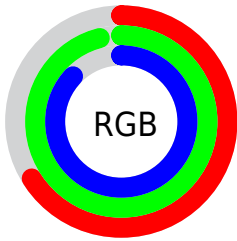
Format	Color
R _Y B	169, 213, 244
Decimal	11138271
CIE Lab	91.00, -27.46, 2.74
CIE LCh	91, 27.599, 174.309
Yxy	78.4833, 0.2792, 0.3531
Android (android.graphics.Color)	4289328351 (0xFFA9F4DF)
YUV	219.1810, 1.8828, -44.0087
Hunter-Lab	88.5908, -30.0143, 7.3300

Details

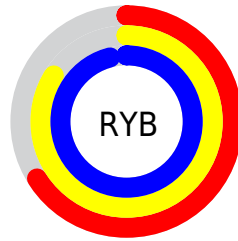
The CIELCh color **91, 27.599, 174.309** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **77, 30.468, 0.840**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.843, 198.851**, and **71, 27.890, 174.088** is the 20% darker color. If you saturate the color by 10%, you get **90, 35.754, 173.132**, and if you desaturate by 10%, it is **92, 18.936, 175.391**.

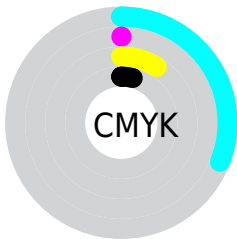
Distribution



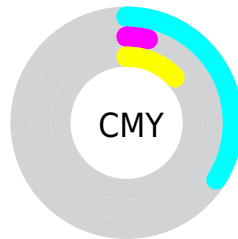
- Red (66%)
- Green (96%)
- Blue (87%)



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



- Cyan (31%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)





- Cyan (34%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 27.599, 174.309 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, 27.599, 174.309 by changing the saturation by 10% instead.


 91, 27.599,
174.309


 91, 27.599,
174.309


 100, 27.599,
174.309


 81, 27.599,
174.309

 71, 27.599,
174.309

 61, 27.599,
174.309

 51, 27.599,
174.309

 41, 27.599,
174.309

 31, 27.599,
174.309

 21, 27.599,

174.309

■ 11, 27.599,
174.309

■ 1, 27.599, 174.309

■ 91, 27.599,
174.309

■ 91, 27.599,
174.309

■ 90, 35.754,
173.132

■ 92, 18.936,
175.391

■ 89, 43.238,
171.842

■ 94, 9.916, 176.415

■ 88, 49.907,
170.412

■ 96, 0.679, 178.119

■ 97, 5.065, 339.959

■ 87, 55.647,
168.817

■ 97, 6.832, 324.634

■ 87, 60.401,
167.034

■ 86, 64.197,
165.051

■ 86, 67.033,
163.076

Harmonies

Complementary

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



91, 27.599, 174.309



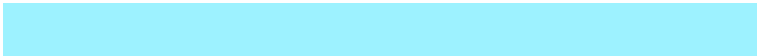
77, 30.468, 0.840

Rectangle

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



91, 27.599, 174.309



91, 27.599, 224.309



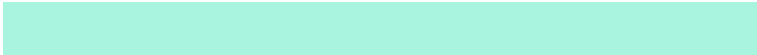
91, 27.599, 354.309



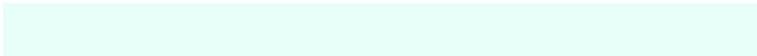
91, 27.599, 44.309

Sweetspot

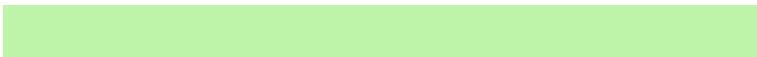
The Sweet Spot groups the original color and five complimentary colors.



91, 27.600, 174.307



98, 8.627, 176.590



91, 43.308, 134.751



52, 5.988, 176.441



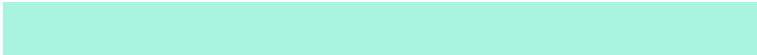
0, 0.000, 0.000



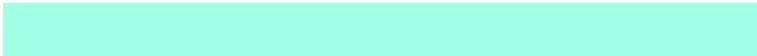
53, 0.007, 296.813

Same Dimension

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



91, 27.600, 174.307



94, 33.960, 173.572



87, 20.339, 223.179



50, 5.268, 176.542



67, 54.380, 163.469



21, 23.060, 166.698

Inverse Universe

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



77, 30.468, 0.840



76, 38.314, 1.823



80, 25.150, 40.913



48, 5.426, 358.210



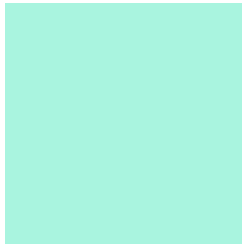
39, 69.933, 22.925



9, 29.726, 12.451

Previews

White Background



This preview shows how the CIE LCh color 91, 27.599, 174.309 looks on a white background.

Color Contrast Check

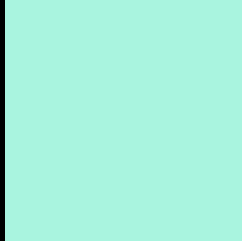
Large Text (above 18pt) WCAG AA × Fail

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, 27.599, 174.309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

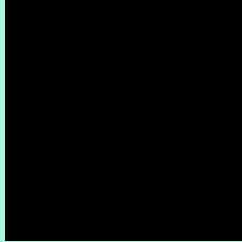
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

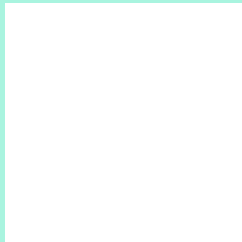
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 27.599, 174.309

Background



This preview shows how black text looks on a background with the CIELCh color 91, 27.599, 174.309.

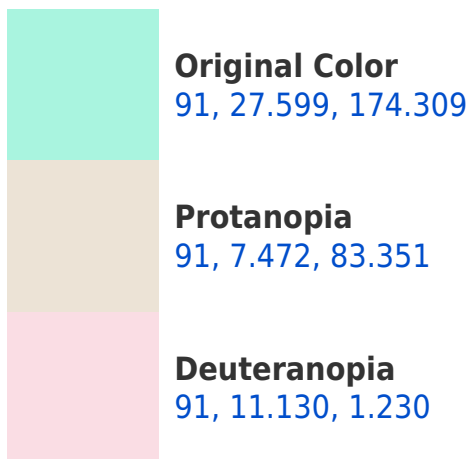


This preview shows how white text looks on a background with the CIELCh color 91, 27.599, 174.309.

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



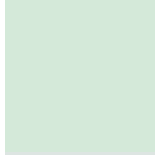


Tritanopia
91, 19.417, 225.587

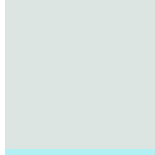
Trichromacy



Original Color
91, 27.599, 174.309



Protanomaly
90, 11.257, 151.323



Deuteranomaly
90, 3.255, 170.820

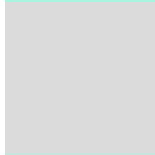


Tritanomaly
91, 20.224, 202.575

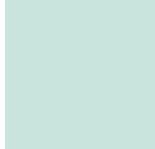
Monochromacy



Original Color
91, 27.599, 174.309



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 10.442, 175.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 27.599, 174.309 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, 244, 223)` looks like.

```
.text, #text, p{  
    color:rgb(169, 244, 223)  
}
```

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, 244, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 244, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 27.599, 174.309 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, 244, 223) }
```

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

```
.border{ border-color:rgb(169, 244, 223) }
```

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

Here you see how a box with a 4 pixel rgb(169, 244, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 244, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 244, 223);  
box-shadow:4px 4px 4px 4px rgb(169, 244,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 27.599, 174.309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 244, 223) }
```

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

```
.background{ background-color: rgb(169,  
244, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor