

Converting Colors

CIELCh(84, 22.155, 172.741)

Have a look what the booklet for
CIELCh(84, 22.155, 172.741)
contains.

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Color

CIELCh(84, 22.100, 172.371)

Conversions

Conversions Part 1

Format	Color
Hex	A4DDCB
RGB	164, 221, 203
RGB Percent	64%, 87%, 80%
CMY	0.3560, 0.1325, 0.2031
CMYK	0.26, 0.00, 0.08, 0.13
HSL	161°, 46%, 76%
HSV	161°, 26%, 87%
XYZ	52.0730, 64.0658, 66.2558
YIQ	201.9050, -28.1940, -17.6820

Conversions

Conversions Part 2

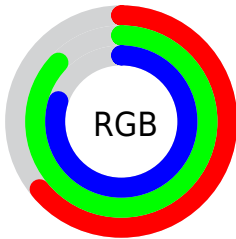
Format	Color
RYB	164, 198, 221
Decimal	10804683
CIELab	84.00, -21.90, 2.93
CIElCh	84, 22.100, 172.371
Yxy	64.0658, 0.2855, 0.3512
Android (android.graphics.Color)	4288994763 (0xFFA4DDCB)
YUV	201.9050, 0.5398, -33.2427
Hunter-Lab	80.0411, -23.9437, 6.9501

Details

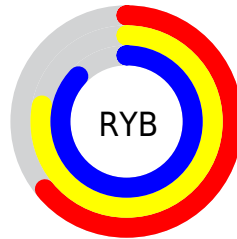
The CIELCh color **84, 22.100, 172.371** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73, 23.738, 357.605**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.803, 198.717**, and **64, 22.138, 172.080** is the 20% darker color. If you saturate the color by 10%, you get **83, 30.150, 171.231**, and if you desaturate by 10%, it is **85, 13.687, 173.421**.

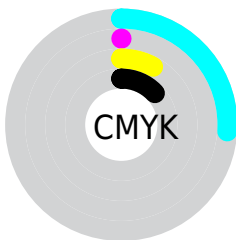
Distribution



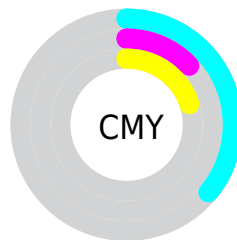
- Red (64%)
- Green (87%)
- Blue (80%)



- Red (64%)
- Yellow (78%)
- Blue (87%)



- Cyan (26%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)





- Cyan (36%)
- Magenta (13%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 22.100, 172.371 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 84, 22.100, 172.371 by changing the saturation by 10% instead.


 84, 22.100,
172.371


 84, 22.100,
172.371


 100, 22.100,
172.371


 74, 22.100,
172.371

 64, 22.100,
172.371

 54, 22.100,
172.371

 44, 22.100,
172.371

 34, 22.100,
172.371


 24, 22.100,
172.371

 14, 22.100,


172.371


 4, 22.100, 172.371


 0, 22.100, 172.371

 84, 22.100,
172.371

 84, 22.100,
172.371

 83, 30.150,
171.231


 85, 13.687,
173.421


 82, 37.686,
169.982


 87, 5.041, 174.445

 81, 44.565,
168.597

 89, 3.718, 355.104

 91, 12.495,
356.043

 80, 50.658,
167.051

 91, 14.947,
344.691

 79, 55.878,

165.320

92, 17.246,
334.853

79, 60.202,
163.387

92, 19.949,
327.572

79, 63.691,
161.254

92, 21.140,
325.160

79, 65.024,
160.337

Harmonies

Complementary

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



84, 22.100, 172.371



73, 23.738, 357.605

Rectangle

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



84, 22.100, 172.371



84, 22.100, 222.371



84, 22.100, 352.371



84, 22.100, 42.371

Sweetspot

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



84, 22.101, 172.368



98, 7.836, 174.202



84, 33.228, 134.008



52, 5.564, 174.047



0, 0.000, 0.000



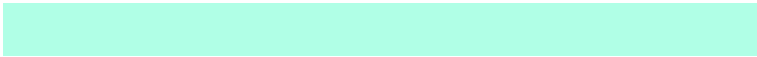
53, 0.007, 296.813

Same Dimension

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



84, 22.101, 172.368



95, 29.573, 171.758



82, 16.281, 218.439



45, 4.916, 174.063



63, 53.866, 160.731



16, 20.201, 165.167

Inverse Universe

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



73, 23.738, 357.605



80, 32.278, 358.349



75, 19.437, 37.484



43, 5.045, 355.706



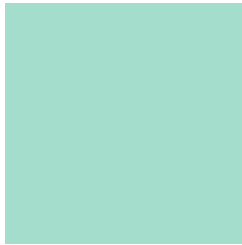
36, 65.106, 19.376



6, 23.942, 6.104

Previews

White Background



This preview shows how the CIELCh color 84, 22.100, 172.371 looks on a white background.

Color Contrast Check

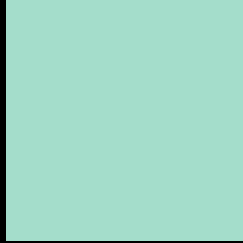
Large Text (above 18pt) WCAG AA × Fail

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 84, 22.100, 172.371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

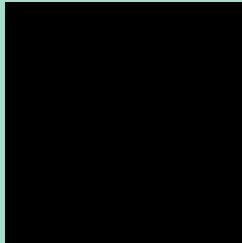
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

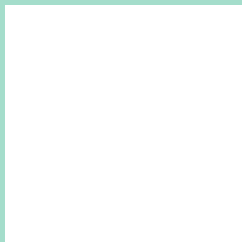
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 22.100, 172.371

Background



This preview shows how black text looks on a background with the CIELCh color 84, 22.100, 172.371.

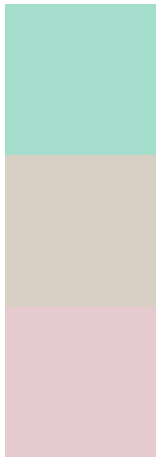


This preview shows how white text looks on a background with the CIELCh color 84, 22.100, 172.371.

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
84, 22.100, 172.371

Protanopia
84, 6.962, 84.205

Deuteranopia
84, 10.330, 5.453

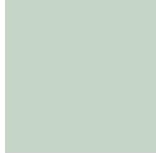


Tritanopia
84, 17.507, 229.498

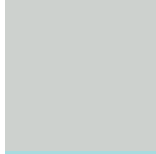
Trichromacy



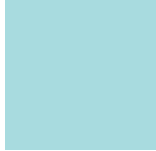
Original Color
84, 22.100, 172.371



Protanomaly
84, 9.453, 147.617



Deuteranomaly
83, 2.153, 152.372

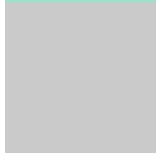


Tritanomaly
84, 17.098, 205.400

Monochromacy



Original Color
84, 22.100, 172.371



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 8.456, 172.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 22.100, 172.371 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(164, 221, 203)` looks like.

```
.text, #text, p{  
    color:rgb(164, 221, 203)  
}
```

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(164, 221, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 221, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 22.100, 172.371 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(164, 221, 203) }
```

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

```
.border{ border-color:rgb(164, 221, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 221, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 221, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 221, 203); box-shadow:4px 4px 4px 4px rgb(164, 221, 203) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 22.100, 172.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 221, 203) }
```

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

```
.background{ background-color: rgb(164,  
221, 203) }
```

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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