

Converting Colors

CIELCh(84, 19.253, 199.681)

Have a look what the booklet for
CIELCh(84, 19.253, 199.681)
contains.

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Color

CIELCh(84, 19.261, 199.677)

Conversions

Conversions Part 1

Format	Color
Hex	A2DCDD
RGB	162, 220, 221
RGB Percent	64%, 86%, 87%
CMY	0.3648, 0.1374, 0.1335
CMYK	0.27, 0.00, 0.00, 0.13
HSL	181°, 46%, 75%
HSV	181°, 27%, 87%
XYZ	53.5251, 64.0658, 77.9285
YIQ	202.7720, -34.8890, -11.9850

Conversions

Conversions Part 2

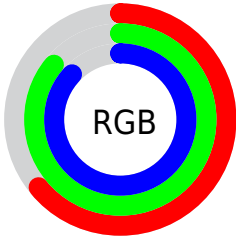
Format	Color
RYB	162, 191, 221
Decimal	10673373
CIELab	84.00, -18.14, -6.49
CIELCh	84, 19.261, 199.677
Yxy	64.0658, 0.2738, 0.3277
Android (android.graphics.Color)	4288863453 (0xFFA2DCDD)
YUV	202.7720, 8.9864, -35.7570
Hunter-Lab	80.0411, -20.7054, -1.6963

Details

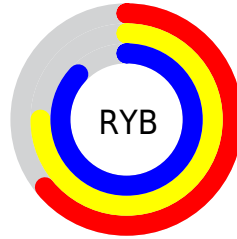
The CIELCh color `84, 19.261, 199.677` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `72, 23.116, 22.795`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 12.449, 198.674`, and `64, 19.372, 199.434` is the 20% darker color. If you saturate the color by 10%, you get `83, 25.416, 199.322`, and if you desaturate by 10%, it is `85, 12.459, 200.096`.

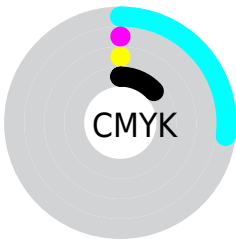
Distribution



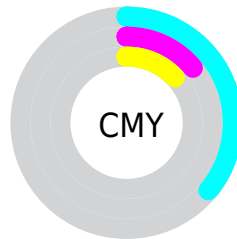
- Red (64%)
- Green (86%)
- Blue (87%)



- Red (64%)
- Yellow (75%)
- Blue (87%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (36%)
- Magenta (14%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 19.261, 199.677 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, 19.261, 199.677 by changing the saturation by 10% instead.


 84, 19.261,
199.677

 84, 19.261,
199.677

 100, 19.261,
199.677


 74, 19.261,
199.677


 64, 19.261,
199.677

 54, 19.261,
199.677

 44, 19.261,
199.677

 34, 19.261,
199.677

 24, 19.261,
199.677

 14, 19.261,

199.677

■ 4, 19.261, 199.677

■ 0, 19.261, 199.677

■ 84, 19.261,
199.677

■ 84, 19.261,
199.677

■ 83, 25.416,
199.322

■ 85, 12.459,
200.096

■ 82, 30.799,
199.048

■ 87, 5.136, 200.623

■ 89, 2.588, 20.778

■ 81, 35.304,
198.857

■ 91, 10.604, 21.487

■ 80, 38.852,
198.755

■ 91, 12.213, 22.323

■ 80, 41.412,

■ 91, 12.085, 23.243

198.748

91, 11.960, 24.181

79, 43.010,
198.836

91, 11.839, 25.140

79, 43.753,
199.014

91, 11.721, 26.118

79, 43.902,
199.083

Harmonies

Complementary

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



84, 19.261, 199.677



72, 23.116, 22.795

Rectangle

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



84, 19.261, 199.677



84, 19.261, 249.677



84, 19.261, 19.677



84, 19.261, 69.677

Sweetspot

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



84, 19.262, 199.673



98, 6.866, 200.538



83, 37.567, 143.060



52, 4.861, 200.451



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, 19.262, 199.673



95, 25.372, 199.469



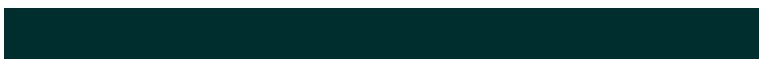
76, 18.621, 261.321



45, 4.296, 200.460



63, 36.649, 199.039



16, 14.779, 198.572

Inverse Universe

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



74, 37.570, 326.358



81, 50.454, 326.656



80, 19.880, 73.824



43, 7.910, 325.393



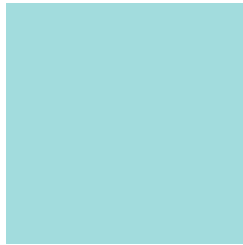
41, 85.417, 328.911



7, 34.155, 328.729

Previews

White Background



This preview shows how the CIE LCh color 84, 19.261, 199.677 looks on a white background.

Color Contrast Check

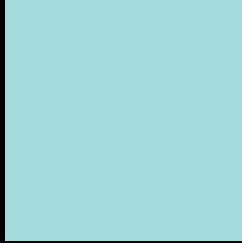
Large Text (above 18pt) WCAG AA × Fail

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, 19.261, 199.677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

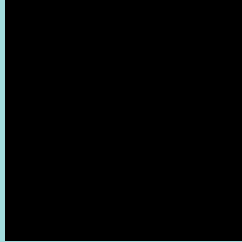
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

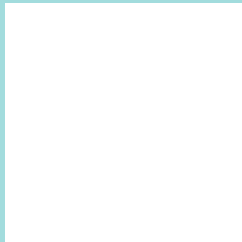
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 19.261, 199.677

Background



This preview shows how black text looks on a background with the CIELCh color 84, 19.261, 199.677.

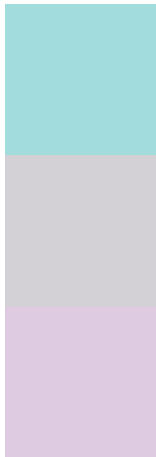


This preview shows how white text looks on a background with the CIELCh color 84, 19.261, 199.677.

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, 19.261, 199.677

Protanopia
84, 3.365, 309.153

Deuteranopia
84, 13.505, 321.118

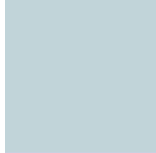


Tritanopia
84, 19.047, 226.646

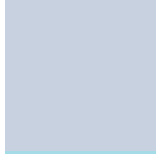
Trichromacy



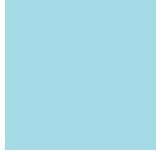
Original Color
84, 19.261, 199.677



Protanomaly
84, 7.103, 220.901

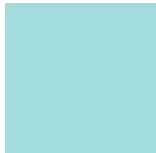


Deuteranomaly
84, 8.455, 269.124

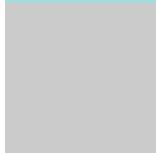


Tritanomaly
84, 18.683, 216.471

Monochromacy



Original Color
84, 19.261, 199.677



Achromatopsia
82, 0.010, 296.813



Achromatomaly
82, 7.421, 203.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 19.261, 199.677 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(162, 220, 221)` looks like.

```
.text, #text, p{  
    color:rgb(162, 220, 221)  
}
```

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(162, 220, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 220, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 19.261, 199.677 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(162, 220, 221) }
```

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

```
.border{ border-color:rgb(162, 220, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 220, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 220, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 220, 221);  
box-shadow:4px 4px 4px 4px rgb(162, 220,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 19.261, 199.677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 220, 221) }
```

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

```
.background{ background-color: rgb(162,  
220, 221) }
```

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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