

Converting Colors

CIELCh(83, 18.314, 204.626)

Have a look what the booklet for
CIELCh(83, 18.314, 204.626)
contains.

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Color

CIElCh(83, 18.328, 204.844)

Conversions

Conversions Part 1

Format	Color
Hex	A1D8DC
RGB	161, 216, 220
RGB Percent	63%, 85%, 86%
CMY	0.3669, 0.1511, 0.1354
CMYK	0.27, 0.02, 0.00, 0.14
HSL	184°, 46%, 75%
HSV	184°, 27%, 86%
XYZ	52.4413, 62.1629, 77.2650
YIQ	200.0110, -34.0640, -10.4160

Conversions

Conversions Part 2

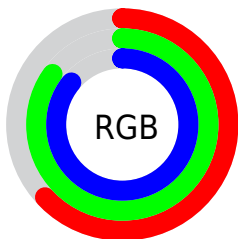
Format	Color
RYB	161, 189, 220
Decimal	10606812
CIELab	83.00, -16.63, -7.70
CIElCh	83, 18.328, 204.844
Yxy	62.1629, 0.2733, 0.3240
Android (android.graphics.Color)	4288796892 (0xFFA1D8DC)
YUV	200.0110, 9.8546, -34.2126
Hunter-Lab	78.8435, -19.2501, -2.9125

Details

The CIELCh color **83, 18.328, 204.844** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73, 22.095, 26.859**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 12.771, 198.653**, and **63, 18.410, 204.903** is the 20% darker color. If you saturate the color by 10%, you get **81, 24.156, 204.759**, and if you desaturate by 10%, it is **85, 11.879, 205.031**.

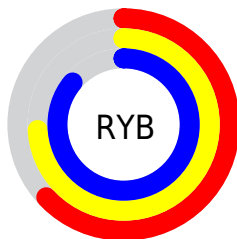
Distribution



Red (63%)

Green (85%)

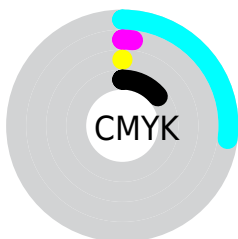
Blue (86%)



Red (63%)

Yellow (74%)

Blue (86%)

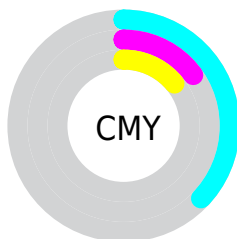


Cyan (27%)

Magenta (2%)

Yellow (0%)

Black (14%)



Cyan (37%)

Magenta (15%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 18.328, 204.844 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 83, 18.328, 204.844 by changing the saturation by 10% instead.

■ 83, 18.328,
204.844

■ 83, 18.328,
204.844

■ 100, 18.328,
204.844

■ 73, 18.328,
204.844

■ 63, 18.328,
204.844

■ 53, 18.328,
204.844

■ 43, 18.328,
204.844

■ 33, 18.328,
204.844

■ 23, 18.328,
204.844

■ 13, 18.328,

204.844

■ 3, 18.328, 204.844

■ 0, 18.328, 204.844

■ 83, 18.328,
204.844

■ 83, 18.328,
204.844

■ 81, 24.156,
204.759

■ 85, 11.879,
205.031

■ 80, 29.243,
204.806

■ 87, 4.930, 205.357

■ 89, 2.408, 25.308

■ 79, 33.481,
205.001

■ 91, 10.034, 25.867

■ 78, 36.789,
205.368

■ 92, 11.588, 28.991

■ 77, 39.127,

■ 92, 11.196, 33.241

205.931

92, 10.872, 37.770

76, 40.517,
206.711

93, 10.621, 42.544

76, 41.061,
207.720

93, 10.447, 47.510

76, 41.147,
208.074

Harmonies

Complementary

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



83, 18.328, 204.844



73, 22.095, 26.859

Rectangle

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



83, 18.328, 204.844



83, 18.328, 254.844



83, 18.328, 24.844



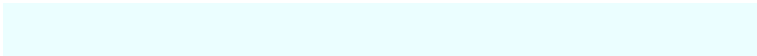
83, 18.328, 74.844

Sweetspot

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



83, 18.328, 204.839



98, 6.536, 205.301



83, 36.325, 144.423



52, 4.627, 205.243



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 18.328, 204.839



94, 24.126, 204.781



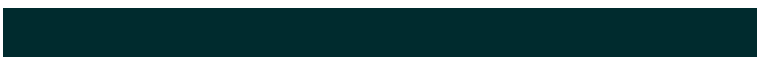
75, 19.650, 266.445



45, 4.089, 205.248



61, 34.435, 207.869



15, 14.008, 205.732

Inverse Universe

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



73, 36.325, 327.834



81, 48.756, 328.147



80, 20.527, 78.792



43, 7.640, 326.827



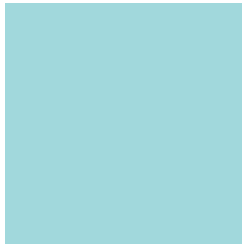
40, 82.090, 331.111



7, 32.963, 330.513

Previews

White Background



This preview shows how the CIE LCh color 83, 18.328, 204.844 looks on a white background.

Color Contrast Check

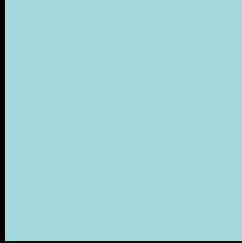
Large Text (above 18pt) WCAG AA × Fail

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 83, 18.328, 204.844 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

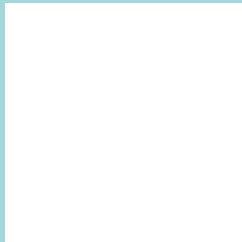
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 18.328, 204.844

Background



This preview shows how black text looks on a background with the CIELCh color 83, 18.328, 204.844.

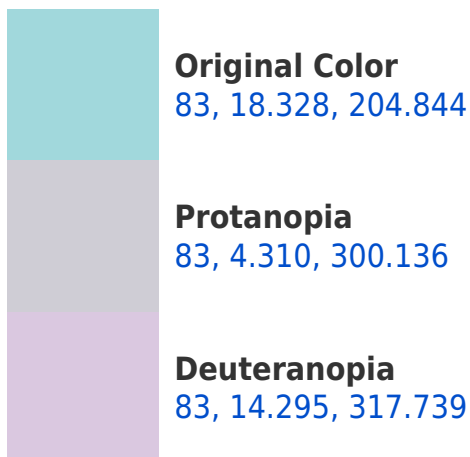



This preview shows how white text looks on a background with the CIELCh color 83, 18.328, 204.844.

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](#).

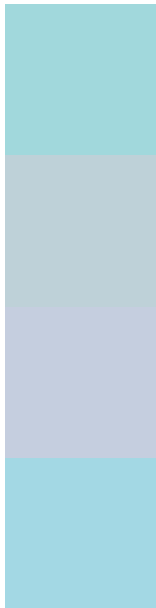
Dichromacy





Tritanopia
83, 18.554, 227.571

Trichromacy



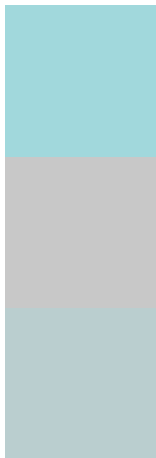
Original Color
83, 18.328, 204.844

Protanomaly
83, 7.528, 228.601

Deuteranomaly
83, 9.462, 271.677

Tritanomaly
83, 18.261, 218.762

Monochromacy



Original Color
83, 18.328, 204.844

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 7.094, 203.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 18.328, 204.844 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(161, 216, 220)` looks like.

```
.text, #text, p{  
    color:rgb(161, 216, 220)  
}
```

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(161, 216, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 216, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 18.328, 204.844 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(161, 216, 220) }
```

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

```
.border{ border-color:rgb(161, 216, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 216, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 216, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 216, 220);  
box-shadow:4px 4px 4px 4px rgb(161, 216,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 18.328, 204.844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 216, 220) }
```

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

```
.background{ background-color: rgb(161,  
216, 220) }
```

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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