

Converting Colors

CIELCh(83, 23.383, 169.682)

Have a look what the booklet for
CIELCh(83, 23.383, 169.682)
contains.

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Color

CIELCh(83, 23.543, 169.581)

Conversions

Conversions Part 1

Format	Color
Hex	A0DBC6
RGB	160, 219, 198
RGB Percent	63%, 86%, 78%
CMY	0.3728, 0.1415, 0.2238
CMYK	0.27, 0.00, 0.10, 0.14
HSL	159°, 45%, 74%
HSV	159°, 27%, 86%
XYZ	49.9785, 62.1629, 62.7452
YIQ	198.9650, -28.4230, -19.0390

Conversions

Conversions Part 2

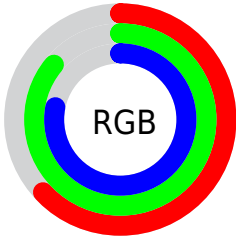
Format	Color
R_{YB}	160, 196, 219
Decimal	10542022
CIE _{Lab}	83.00, -23.15, 4.26
CIE _{LCh}	83, 23.543, 169.581
Yxy	62.1629, 0.2858, 0.3554
Android (android.graphics.Color)	4288732102 (0xFFA0DBC6)
YUV	198.9650, -0.4757, -34.1723
Hunter-Lab	78.8435, -24.8259, 8.0063

Details

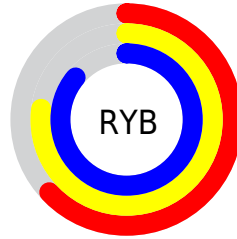
The CIELCh color $83, 23.543, 169.581$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $72, 25.100, 355.022$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 13.092, 198.632$, and $63, 23.658, 169.094$ is the 20% darker color. If you saturate the color by 10%, you get $82, 31.778, 168.420$, and if you desaturate by 10%, it is $84, 14.962, 170.641$.

Distribution



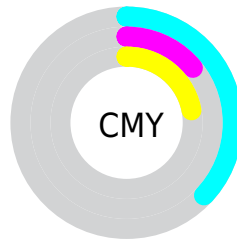
- Red (63%)
- Green (86%)
- Blue (78%)



- Red (63%)
- Yellow (77%)
- Blue (86%)



- Cyan (27%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)





- Cyan (37%)
- Magenta (14%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 23.543, 169.581 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, 23.543, 169.581 by changing the saturation by 10% instead.


 83, 23.543,
169.581


 83, 23.543,
169.581


 100, 23.543,
169.581


 73, 23.543,
169.581

 63, 23.543,
169.581

 53, 23.543,
169.581

 43, 23.543,
169.581

 33, 23.543,
169.581

 23, 23.543,
169.581

 13, 23.543,

169.581

■ 3, 23.543, 169.581

■ 0, 23.543, 169.581

■ 83, 23.543,
169.581

■ 83, 23.543,
169.581

■ 82, 31.778,
168.420

■ 84, 14.962,
170.641

■ 81, 39.514,
167.138

■ 86, 6.167, 171.652

■ 80, 46.604,
165.707

■ 88, 2.721, 352.285

■ 90, 11.609,
353.256

■ 79, 52.922,
164.103

■ 91, 15.945,
344.955

■ 78, 58.379,

162.303

91, 18.506,
334.679

78, 62.953,
160.293

91, 21.535,
327.176

78, 66.720,
158.088

91, 22.585,
325.211

78, 67.792,
157.417

Harmonies

Complementary

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



83, 23.543, 169.581



72, 25.100, 355.022

Rectangle

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



83, 23.543, 169.581



83, 23.543, 219.581



83, 23.543, 349.581



83, 23.543, 39.581

Sweetspot

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



83, 23.544, 169.579



98, 8.032, 171.537



83, 33.953, 132.358



52, 5.705, 171.383



0, 0.000, 0.000



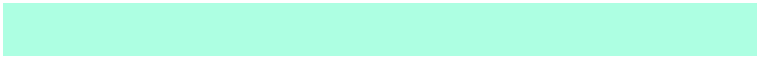
53, 0.007, 296.813

Same Dimension

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



83, 23.544, 169.579



94, 31.397, 168.975



81, 17.355, 212.288



45, 5.041, 171.398



63, 56.582, 157.806



16, 21.069, 162.389

Inverse Universe

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



72, 25.100, 355.022



79, 33.914, 355.732



73, 20.975, 32.669



43, 5.155, 353.026



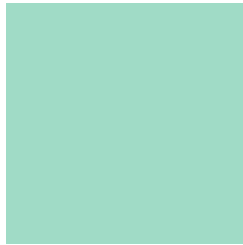
37, 64.152, 15.626



6, 24.083, 3.859

Previews

White Background



This preview shows how the CIELCh color 83, 23.543, 169.581 looks on a white background.

Color Contrast Check

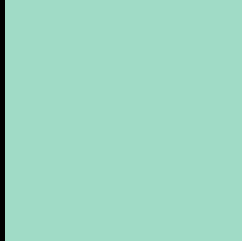
Large Text (above 18pt) WCAG AA × Fail

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 83, 23.543, 169.581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

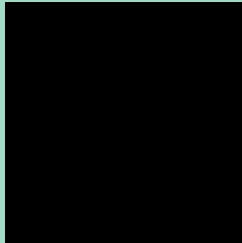
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

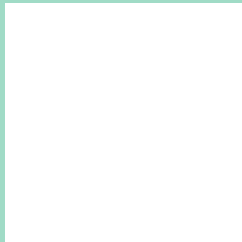
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 23.543, 169.581

Background



This preview shows how black text looks on a background with the CIELCh color 83, 23.543, 169.581.

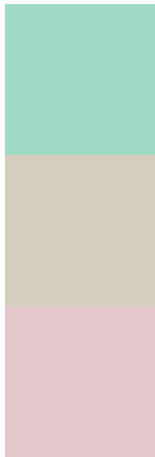


This preview shows how white text looks on a background with the CIELCh color 83, 23.543, 169.581.

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
83, 23.543, 169.581

Protanopia
83, 8.445, 88.568

Deuteranopia
83, 10.550, 11.592



Tritanopia
83, 17.531, 229.535

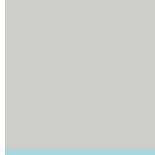
Trichromacy



Original Color
83, 23.543, 169.581



Protanomaly
83, 10.779, 142.447



Deuteranomaly
82, 2.864, 132.439

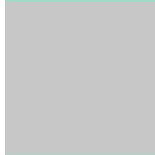


Tritanomaly
83, 17.425, 203.481

Monochromacy



Original Color
83, 23.543, 169.581



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 8.478, 172.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 23.543, 169.581 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(160, 219, 198)` looks like.

```
.text, #text, p{  
    color:rgb(160, 219, 198)  
}
```

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(160, 219, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 219, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 23.543, 169.581 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(160, 219, 198) }
```

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

```
.border{ border-color:rgb(160, 219, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 219, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 219, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 219, 198);  
box-shadow:4px 4px 4px 4px rgb(160, 219,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 23.543, 169.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 219, 198) }
```

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

```
.background{ background-color: rgb(160,  
219, 198) }
```

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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