

Converting Colors

CIELCh(85, 23.423, 159.120)

Have a look what the booklet for
CIELCh(85, 23.423, 159.120)
contains.

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Color

CIELCh(85, 23.529, 159.142)

Conversions

Conversions Part 1

Format	Color
Hex	ADE0C4
RGB	173, 224, 196
RGB Percent	68%, 88%, 77%
CMY	0.3225, 0.1225, 0.2323
CMYK	0.23, 0.00, 0.13, 0.12
HSL	147°, 45%, 78%
HSV	147°, 23%, 88%
XYZ	53.7040, 66.0070, 61.9886
YIQ	205.5590, -21.4080, -19.5200

Conversions

Conversions Part 2

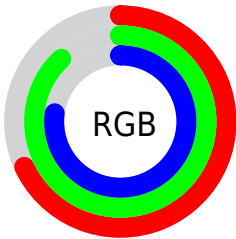
Format	Color
R _{YB}	173, 208, 224
Decimal	11395268
CIE Lab	85.00, -21.99, 8.38
CIE LCh	85, 23.529, 159.142
Yxy	66.0070, 0.2956, 0.3633
Android (android.graphics.Color)	4289585348 (0xFFADE0C4)
YUV	205.5590, -4.7126, -28.5542
Hunter-Lab	81.2447, -24.1870, 11.6338

Details

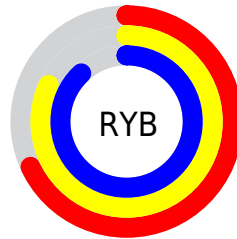
The CIELCh color **85, 23.529, 159.142** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **76, 24.060, 343.024**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.962, 192.357**, and **65, 23.800, 158.462** is the 20% darker color. If you saturate the color by 10%, you get **84, 33.662, 158.086**, and if you desaturate by 10%, it is **87, 13.220, 160.085**.

Distribution



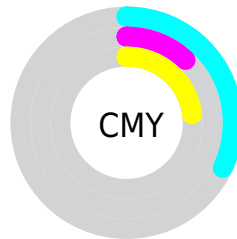
- Red (68%)
- Green (88%)
- Blue (77%)



- Red (68%)
- Yellow (82%)
- Blue (88%)



- Cyan (23%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)





- Cyan (32%)
- Magenta (12%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 23.529, 159.142 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 85, 23.529, 159.142 by changing the saturation by 10% instead.


 85, 23.529,
159.142


 85, 23.529,
159.142


 100, 23.529,
159.142


 75, 23.529,
159.142

 65, 23.529,
159.142

 55, 23.529,
159.142

 45, 23.529,
159.142

 35, 23.529,
159.142


 25, 23.529,
159.142


 15, 23.529,

159.142


 5, 23.529, 159.142


 0, 23.529, 159.142

 85, 23.529,
159.142


 85, 23.529,
159.142

 84, 33.662,
158.086


 87, 13.220,
160.085


 82, 43.449,
156.891

 89, 2.871, 161.031


 81, 52.714,
155.533

 91, 7.406, 341.575

 80, 61.280,
153.985

 92, 15.591,
336.094

 80, 68.995,

 92, 19.548,
325.104

152.231

■ 79, 75.763,
150.265

■ 79, 81.565,
148.108

■ 79, 85.259,
146.509

Harmonies

Complementary

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



85, 23.529, 159.142



76, 24.060, 343.024

Rectangle

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



85, 23.529, 159.142



85, 23.529, 209.142



85, 23.529, 339.142



85, 23.529, 29.142

Sweetspot

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



85, 23.531, 159.141



98, 8.033, 160.599



86, 27.883, 126.215



52, 5.221, 160.544



0, 0.000, 0.000



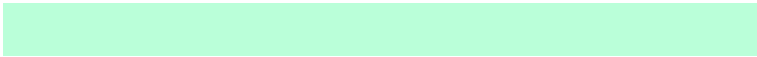
53, 0.007, 296.813

Same Dimension

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



85, 23.531, 159.141



95, 30.936, 158.691



86, 17.323, 193.774



46, 5.879, 160.385



63, 70.652, 146.901



17, 26.488, 151.352

Inverse Universe

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



76, 24.060, 343.024



83, 31.756, 343.456



75, 19.878, 17.216



44, 5.940, 341.814



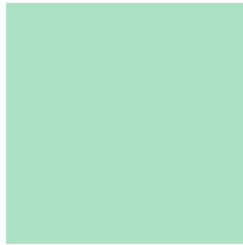
38, 64.932, 357.281



6, 26.989, 351.121

Previews

White Background



This preview shows how the CIELCh color 85, 23.529, 159.142 looks on a white background.

Color Contrast Check

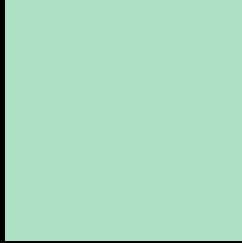
Large Text (above 18pt) WCAG AA × Fail

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 85, 23.529, 159.142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

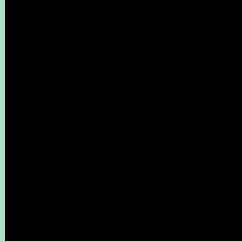
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

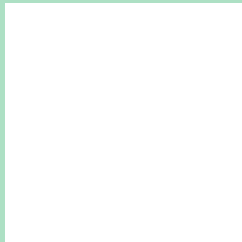
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 23.529, 159.142

Background



This preview shows how black text looks on a background with the CIELCh color 85, 23.529, 159.142.

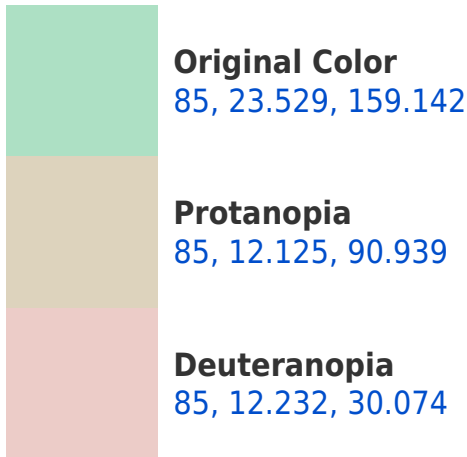


This preview shows how white text looks on a background with the CIELCh color 85, 23.529, 159.142.

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](#).

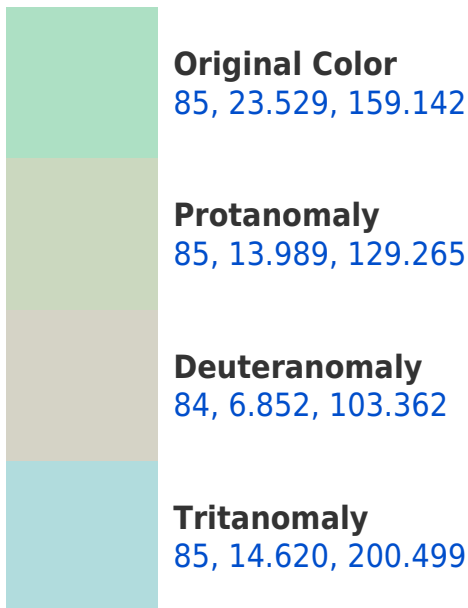
Dichromacy



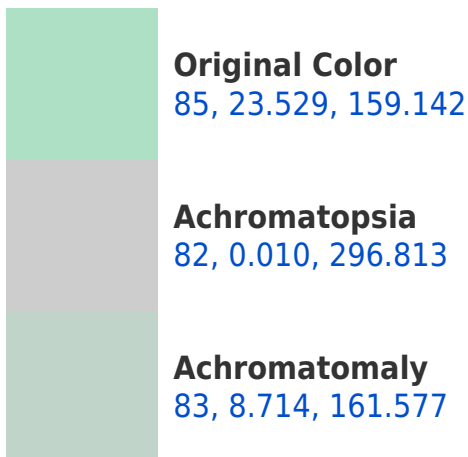


Tritanopia
85, 15.203, 234.943

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 23.529, 159.142 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(173, 224, 196)` looks like.

```
.text, #text, p{  
    color:rgb(173, 224, 196)  
}
```

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(173, 224, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 224, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 23.529, 159.142 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(173, 224, 196) }
```

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

```
.border{ border-color:rgb(173, 224, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 224, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 224, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 224, 196);  
box-shadow:4px 4px 4px 4px rgb(173, 224,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 23.529, 159.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 224, 196) }
```

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

```
.background{ background-color: rgb(173,  
224, 196) }
```

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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