

Converting Colors

CIELCh(83, 15.217, 222.860)

Have a look what the booklet for
CIELCh(83, 15.217, 222.860)
contains.

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Color

CIELCh(83, 15.190, 223.359)

Conversions

Conversions Part 1

Format	Color
Hex	ACD6E2
RGB	172, 214, 226
RGB Percent	67%, 84%, 89%
CMY	0.3266, 0.1619, 0.1148
CMYK	0.24, 0.05, 0.00, 0.11
HSL	193°, 48%, 78%
HSV	193°, 24%, 89%
XYZ	54.6142, 62.1629, 80.8648
YIQ	202.8100, -28.8840, -5.1720

Conversions

Conversions Part 2

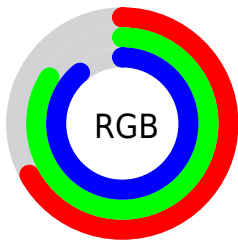
Format	Color
RYB	172, 196, 226
Decimal	11327202
CIELab	83.00, -11.04, -10.43
CIELCh	83, 15.190, 223.359
Yxy	62.1629, 0.2763, 0.3145
Android (android.graphics.Color)	4289517282 (0xFFACD6E2)
YUV	202.8100, 11.4327, -27.0204
Hunter-Lab	78.8435, -14.3306, -5.6196

Details

The CIELCh color **83, 15.190, 223.359** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **78, 17.795, 41.502**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.184, 198.897**, and **63, 15.338, 224.460** is the 20% darker color. If you saturate the color by 10%, you get **80, 20.791, 224.215**, and if you desaturate by 10%, it is **86, 9.104, 222.738**.

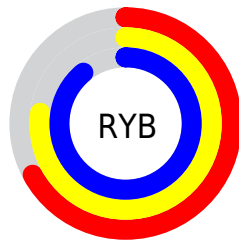
Distribution



Red (67%)

Green (84%)

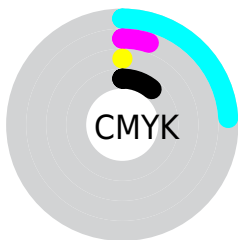
Blue (89%)



Red (67%)

Yellow (77%)

Blue (89%)

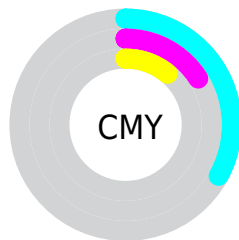


Cyan (24%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (33%)


Magenta (16%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 15.190, 223.359 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, 15.190, 223.359 by changing the saturation by 10% instead.


 83, 15.190,
223.359


 83, 15.190,
223.359


 100, 15.190,
223.359


 73, 15.190,
223.359


 63, 15.190,
223.359

 53, 15.190,
223.359

 43, 15.190,
223.359

 33, 15.190,
223.359

 23, 15.190,
223.359

 13, 15.190,

223.359

■ 3, 15.190, 223.359

■ 0, 15.190, 223.359

■ 83, 15.190,
223.359

■ 83, 15.190,
223.359

■ 80, 20.791,
224.215

■ 86, 9.104, 222.738

■ 78, 25.808,
225.377

■ 89, 2.629, 222.438

■ 92, 4.151, 41.755

■ 76, 30.148,
226.908

■ 94, 8.782, 47.821

■ 73, 33.738,
228.893

■ 95, 8.922, 68.050

■ 97, 10.076, 85.515

■ 71, 36.548,

231.423

98, 11.946, 98.389

69, 38.607,
234.581

99, 14.244,
107.388

68, 40.032,
238.415

99, 14.817,
109.058

67, 40.729,
240.985

Harmonies

Complementary

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



83, 15.190, 223.359



78, 17.795, 41.502

Rectangle

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



83, 15.190, 223.359



83, 15.190, 273.359



83, 15.190, 43.359



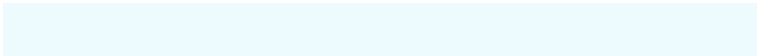
83, 15.190, 93.359

Sweetspot

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



83, 15.190, 223.353



98, 5.143, 222.466



85, 29.716, 149.364



52, 3.337, 222.482



0, 0.000, 0.000



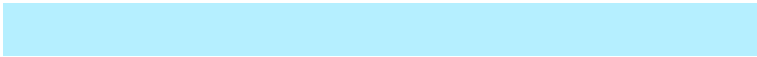
53, 0.007, 296.813

Same Dimension

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



83, 15.190, 223.353



91, 19.971, 223.774



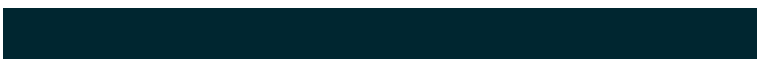
76, 21.299, 278.349



46, 3.739, 222.542



53, 33.714, 240.199



13, 13.584, 232.368

Inverse Universe

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



76, 29.748, 332.871



82, 39.798, 333.240



85, 21.124, 91.942



44, 6.986, 331.886



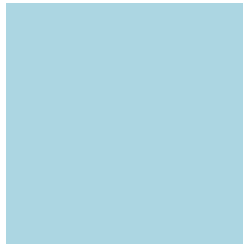
40, 73.752, 339.487



7, 30.914, 337.273

Previews

White Background



This preview shows how the CIE LCh color 83, 15.190, 223.359 looks on a white background.

Color Contrast Check

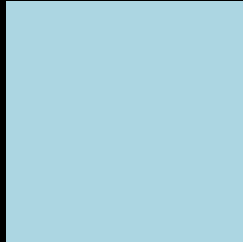
Large Text (above 18pt) WCAG AA × Fail

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, 15.190, 223.359 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

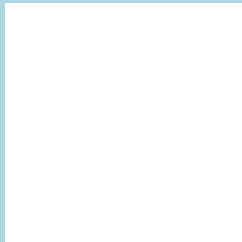
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 15.190, 223.359

Background



This preview shows how black text looks on a background with the CIELCh color 83, 15.190, 223.359.

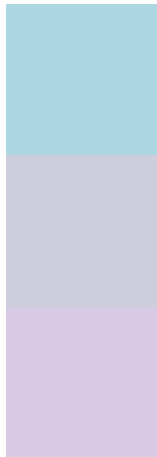


This preview shows how white text looks on a background with the CIELCh color 83, 15.190, 223.359.

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, 15.190, 223.359

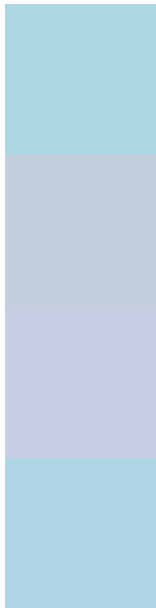
Protanopia
83, 7.955, 293.417

Deuteranopia
83, 15.309, 311.489



Tritanopia
83, 15.749, 233.641

Trichromacy



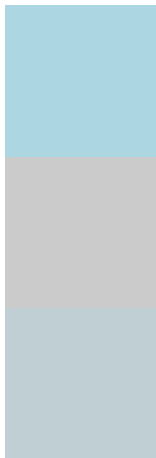
Original Color
83, 15.190, 223.359

Protanomaly
83, 8.758, 257.154

Deuteranomaly
83, 11.259, 280.531

Tritanomaly
83, 15.259, 230.113

Monochromacy



Original Color
83, 15.190, 223.359

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 5.677, 221.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 15.190, 223.359 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(172, 214, 226)` looks like.

```
.text, #text, p{  
    color:rgb(172, 214, 226)  
}
```

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(172, 214, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 214, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 15.190, 223.359 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(172, 214, 226) }
```

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

```
.border{ border-color:rgb(172, 214, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 214, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 214, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 214, 226);  
box-shadow:4px 4px 4px 4px rgb(172, 214,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 15.190, 223.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 214, 226) }
```

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

```
.background{ background-color: rgb(172,  
214, 226) }
```

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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