

Converting Colors

CIELCh(83, 15.117, 157.099)

Have a look what the booklet for
CIELCh(83, 15.117, 157.099)
contains.

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Color

CIELCh(83, 15.152, 156.927)

Conversions

Conversions Part 1

Format	Color
Hex	B7D6C3
RGB	183, 214, 195
RGB Percent	72%, 84%, 76%
CMY	0.2820, 0.1604, 0.2349
CMYK	0.14, 0.00, 0.09, 0.16
HSL	143°, 27%, 78%
HSV	143°, 14%, 84%
XYZ	53.4808, 62.1629, 60.8637
YIQ	202.5650, -12.3770, -12.4810

Conversions

Conversions Part 2

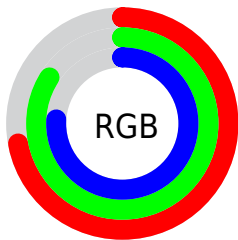
Format	Color
R _{YB}	183, 205, 214
Decimal	12048067
CIE Lab	83.00, -13.94, 5.94
CIE LCh	83, 15.152, 156.927
Yxy	62.1629, 0.3030, 0.3522
Android (android.graphics.Color)	4290238147 (0xFFB7D6C3)
YUV	202.5650, -3.7295, -17.1585
Hunter-Lab	78.8435, -16.8968, 9.4212

Details

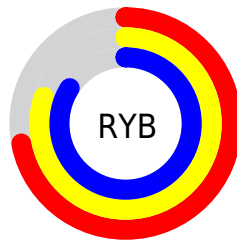
The CIELCh color **83, 15.152, 156.927** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **78, 15.315, 339.109**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.760, 183.761**, and **63, 15.073, 156.283** is the 20% darker color. If you saturate the color by 10%, you get **81, 25.609, 156.007**, and if you desaturate by 10%, it is **85, 4.670, 157.785**.

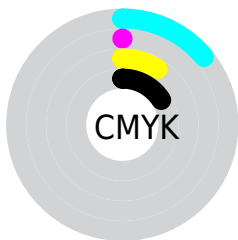
Distribution



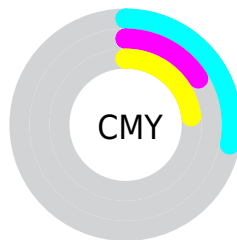
- Red (72%)
- Green (84%)
- Blue (76%)



- Red (72%)
- Yellow (80%)
- Blue (84%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)





- Cyan (28%)
- Magenta (16%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 15.152, 156.927 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, 15.152, 156.927 by changing the saturation by 10% instead.


 83, 15.152,
156.927


 83, 15.152,
156.927


 100, 15.152,
156.927


 73, 15.152,
156.927

 63, 15.152,
156.927

 53, 15.152,
156.927

 43, 15.152,
156.927

 33, 15.152,
156.927

 23, 15.152,
156.927

 13, 15.152,

156.927

■ 3, 15.152, 156.927

■ 0, 15.152, 156.927

■ 83, 15.152,
156.927

■ 83, 15.152,
156.927

■ 81, 25.609,
156.007

■ 85, 4.670, 157.785

■ 80, 35.890,
154.968

■ 87, 5.730, 338.349

■ 79, 45.827,
153.782

■ 89, 15.958,
339.033

■ 78, 55.235,
152.426

■ 90, 22.617,
330.869

■ 77, 63.929,

■ 90, 25.627,
325.317

150.878

■ 76, 71.750,
149.128

■ 76, 78.589,
147.181

■ 75, 84.414,
145.074

■ 75, 87.282,
143.918

Harmonies

Complementary

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



83, 15.152, 156.927



78, 15.315, 339.109

Rectangle

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



83, 15.152, 156.927



83, 15.152, 206.927



83, 15.152, 336.927



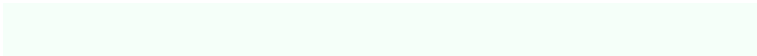
83, 15.152, 26.927

Sweetspot

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



83, 15.154, 156.925



99, 4.801, 157.827



84, 16.872, 124.164



53, 3.414, 157.755



0, 0.000, 0.000



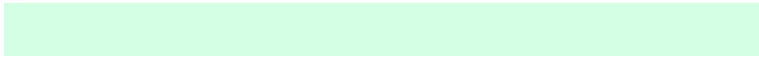
53, 0.007, 296.813

Same Dimension

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



83, 15.154, 156.925



96, 20.506, 156.688



83, 11.078, 188.691



44, 5.932, 157.357



61, 73.177, 144.282



14, 25.762, 149.459

Inverse Universe

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



78, 15.315, 339.109



89, 20.758, 339.332



77, 11.909, 11.059



42, 5.978, 338.697



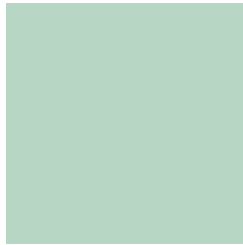
37, 65.189, 351.603



5, 24.983, 346.476

Previews

White Background



This preview shows how the CIELCh color 83, 15.152, 156.927 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, 15.152, 156.927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

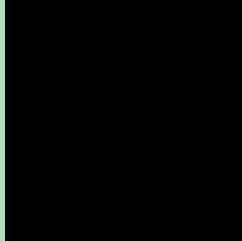
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

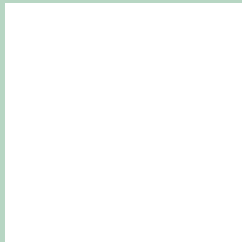
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 15.152, 156.927

Background



This preview shows how black text looks on a background with the CIELCh color 83, 15.152, 156.927.



This preview shows how white text looks on a background with the CIELCh color 83, 15.152, 156.927.

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, 15.152, 156.927

Protanopia
83, 8.933, 89.702

Deuteranopia
83, 11.286, 22.888



Tritanopia
83, 11.153, 248.578

Trichromacy



Original Color
83, 15.152, 156.927

Protanomaly
83, 9.238, 123.359

Deuteranomaly
82, 4.721, 70.813

Tritanomaly
83, 8.916, 212.631

Monochromacy



Original Color
83, 15.152, 156.927

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 5.484, 156.661

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 15.152, 156.927 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(183, 214, 195)` looks like.

```
.text, #text, p{  
    color:rgb(183, 214, 195)  
}
```

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(183, 214, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 214, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 15.152, 156.927 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(183, 214, 195) }
```

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

```
.border{ border-color:rgb(183, 214, 195) }
```

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

Here you see how a box with a 4 pixel rgb(183, 214, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 214, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 214, 195);  
box-shadow:4px 4px 4px 4px rgb(183, 214,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 15.152, 156.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 214, 195) }
```

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

```
.background{ background-color: rgb(183,  
214, 195) }
```

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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