

Converting Colors

CIELCh(83, 14.671, 170.898)

Have a look what the booklet for
CIELCh(83, 14.671, 170.898)
contains.

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Color

CIELCh(83, 14.920, 170.915)

Conversions

Conversions Part 1

Format	Color
Hex	B2D7CA
RGB	178, 215, 202
RGB Percent	70%, 84%, 79%
CMY	0.3029, 0.1578, 0.2088
CMYK	0.17, 0.00, 0.06, 0.16
HSL	159°, 31%, 77%
HSV	159°, 17%, 84%
XYZ	53.1732, 62.1629, 64.9208
YIQ	202.4550, -17.8790, -11.8870

Conversions

Conversions Part 2

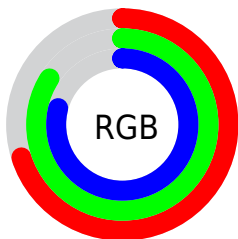
Format	Color
RYB	178, 200, 215
Decimal	11720650
CIELab	83.00, -14.73, 2.36
CIELCh	83, 14.920, 170.915
Yxy	62.1629, 0.2950, 0.3449
Android (android.graphics.Color)	4289910730 (0xFFB2D7CA)
YUV	202.4550, -0.2243, -21.4470
Hunter-Lab	78.8435, -17.5932, 6.3702

Details

The CIELCh color **83, 14.920, 170.915** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **76, 15.546, 354.164**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 7.186, 199.043**, and **63, 14.765, 171.032** is the 20% darker color. If you saturate the color by 10%, you get **82, 23.332, 169.848**, and if you desaturate by 10%, it is **85, 6.296, 171.922**.

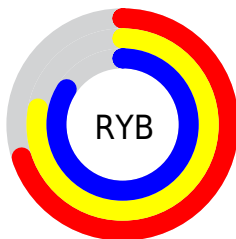
Distribution



Red (70%)

Green (84%)

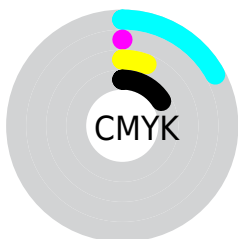
Blue (79%)



Red (70%)

Yellow (78%)

Blue (84%)

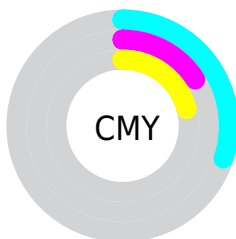


Cyan (17%)

Magenta (0%)

Yellow (6%)

Black (16%)



Cyan (30%)


Magenta (16%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 14.920, 170.915 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, 14.920, 170.915 by changing the saturation by 10% instead.


 83, 14.920,
170.915


 83, 14.920,
170.915


 100, 14.920,
170.915


 73, 14.920,
170.915


 63, 14.920,
170.915

 53, 14.920,
170.915

 43, 14.920,
170.915

 33, 14.920,
170.915

 23, 14.920,
170.915

 13, 14.920,

170.915

■ 3, 14.920, 170.915

■ 0, 14.920, 170.915

■ 83, 14.920,
170.915

■ 83, 14.920,
170.915

■ 82, 23.332,
169.848

■ 85, 6.296, 171.922

■ 80, 31.393,
168.688

■ 86, 2.430, 352.540

■ 79, 38.958,
167.406

■ 88, 11.159,
353.532

■ 78, 45.884,
165.977

■ 90, 17.049,
349.226

■ 78, 52.044,

■ 90, 19.275,
339.157

164.375

90, 21.991,
331.442

77, 57.357,
162.577

90, 25.036,
325.586

77, 61.802,
160.571

90, 25.213,
325.303

76, 65.460,
158.373

76, 66.412,
157.767

Harmonies

Complementary

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



83, 14.920, 170.915



76, 15.546, 354.164

Rectangle

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



83, 14.920, 170.915



83, 14.920, 220.915



83, 14.920, 350.915



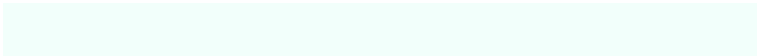
83, 14.920, 40.915

Sweetspot

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



83, 14.922, 170.911



99, 5.009, 172.156



83, 21.365, 132.839



53, 3.417, 172.077



0, 0.000, 0.000



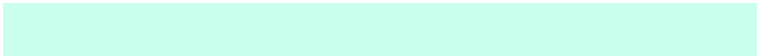
53, 0.007, 296.813

Same Dimension

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



83, 14.922, 170.911



96, 20.834, 170.498



82, 11.289, 212.131



44, 4.930, 171.699



62, 55.630, 158.154



15, 20.151, 163.017

Inverse Universe

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



76, 15.546, 354.164



86, 21.918, 354.620



77, 12.672, 32.297



42, 5.043, 353.323



36, 63.529, 15.992



5, 22.475, 3.490

Previews

White Background



This preview shows how the CIELCh color 83, 14.920, 170.915 looks on a white background.

Color Contrast Check

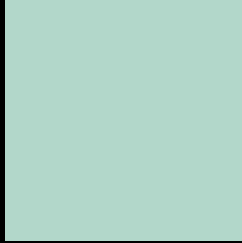
Large Text (above 18pt) WCAG AA × Fail

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, 14.920, 170.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

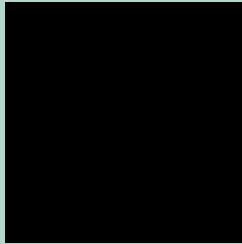
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

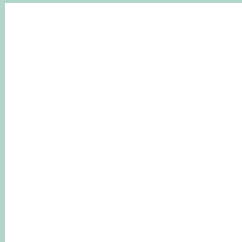
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 14.920, 170.915

Background



This preview shows how black text looks on a background with the CIELCh color 83, 14.920, 170.915.

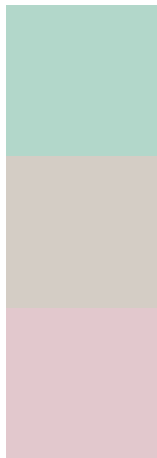


This preview shows how white text looks on a background with the CIELCh color 83, 14.920, 170.915.

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](#).

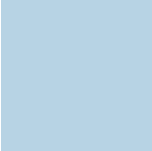
Dichromacy



Original Color
83, 14.920, 170.915

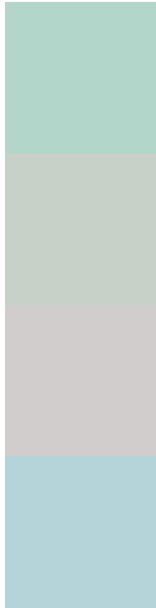
Protanopia
83, 4.935, 77.991

Deuteranopia
83, 9.987, 4.878



Tritanopia
83, 12.842, 243.541

Trichromacy



Original Color
83, 14.920, 170.915

Protanomaly
83, 6.245, 141.515

Deuteranomaly
83, 1.208, 44.884

Tritanomaly
83, 11.042, 215.495

Monochromacy



Original Color
83, 14.920, 170.915

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 5.740, 171.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 14.920, 170.915 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(178, 215, 202)` looks like.

```
.text, #text, p{  
    color:rgb(178, 215, 202)  
}
```

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(178, 215, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 215, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 14.920, 170.915 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(178, 215, 202) }
```

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

```
.border{ border-color:rgb(178, 215, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 215, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 215, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 215, 202);  
box-shadow:4px 4px 4px 4px rgb(178, 215,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 14.920, 170.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 215, 202) }
```

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

```
.background{ background-color: rgb(178,  
215, 202) }
```

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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