

Converting Colors

CIELCh(83, 7.581, 177.381)

Have a look what the booklet for
CIELCh(83, 7.581, 177.381) contains.

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Color

CIELCh(83, 7.662, 178.718)

Conversions

Conversions Part 1

Format	Color
Hex	BFD3CE
RGB	191, 211, 206
RGB Percent	75%, 83%, 81%
CMY	0.2507, 0.1723, 0.1919
CMYK	0.09, 0.00, 0.02, 0.17
HSL	165°, 19%, 79%
HSV	165°, 9%, 83%
XYZ	55.9590, 62.1629, 67.4812
YIQ	204.4500, -10.3150, -5.7950

Conversions

Conversions Part 2

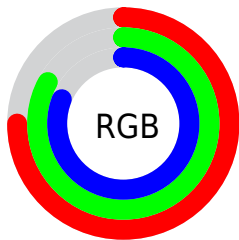
Format	Color
R_{YB}	191, 202, 211
Decimal	12571598
CIE Lab	83.00, -7.66, 0.17
CIE LCh	83, 7.662, 178.718
Yxy	62.1629, 0.3015, 0.3349
Android (android.graphics.Color)	4290761678 (0xFFBFD3CE)
YUV	204.4500, 0.7641, -11.7957
Hunter-Lab	78.8435, -11.2862, 4.4449

Details

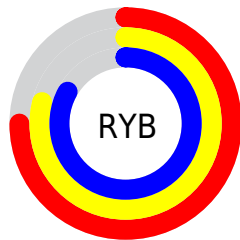
The CIELCh color **83, 7.662, 178.718** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 7.914, 0.347**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.770, 199.469**, and **63, 7.524, 181.433** is the 20% darker color. If you saturate the color by 10%, you get **81, 15.557, 177.708**, and if you desaturate by 10%, it is **85, 0.431, 358.358**.

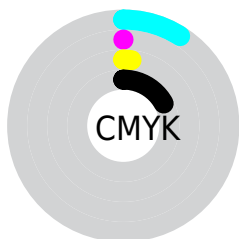
Distribution



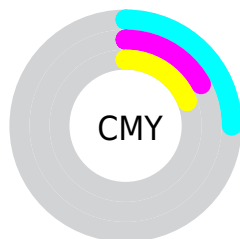
- Red (75%)
- Green (83%)
- Blue (81%)



- Red (75%)
- Yellow (79%)
- Blue (83%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)



- Cyan (25%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 7.662, 178.718 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, 7.662, 178.718 by changing the saturation by 10% instead.

■ 83, 7.662, 178.718

■ 83, 7.662, 178.718

■ 100, 7.662,
178.718

■ 73, 7.662, 178.718

■ 63, 7.662, 178.718

■ 53, 7.662, 178.718

■ 43, 7.662, 178.718

■ 33, 7.662, 178.718

■ 23, 7.662, 178.718

■ 13, 7.662, 178.718

■ 3, 7.662, 178.718

■ 0, 7.662, 178.718

83, 7.662, 178.718

83, 7.662, 178.718

81, 15.557,
177.708

85, 0.431, 358.358

80, 23.130,
176.663

86, 8.625, 0.358

79, 30.250,
175.541

88, 16.836, 1.212

78, 36.781,
174.319

89, 18.023,
353.170

77, 42.594,
172.976

89, 19.346,
345.869

77, 47.588,
171.485

89, 20.956,
339.628

76, 51.708,
169.823

89, 22.790,
334.369

76, 54.964,
167.974

89, 24.798,
329.963

89, 26.940,

■ 76, 57.517,
165.971

326.272

Harmonies

Complementary

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



83, 7.662, 178.718



79, 7.914, 0.347

Rectangle

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



83, 7.662, 178.718



83, 7.662, 228.718



83, 7.662, 358.718



83, 7.662, 48.718

Sweetspot

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



83, 7.664, 178.709



99, 2.841, 179.444



83, 11.895, 136.381



53, 2.153, 179.326



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, 7.664, 178.709



98, 10.352, 178.545



82, 5.912, 223.923



43, 4.553, 178.717



61, 48.458, 166.221



14, 17.422, 170.818

Inverse Universe

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



79, 7.914, 0.347



93, 10.749, 0.526



80, 6.258, 42.994



41, 4.701, 0.339



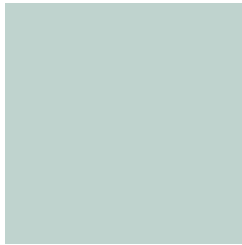
35, 65.780, 25.029



4, 20.334, 7.938

Previews

White Background



This preview shows how the CIELCh color 83, 7.662, 178.718 looks on a white background.

Color Contrast Check

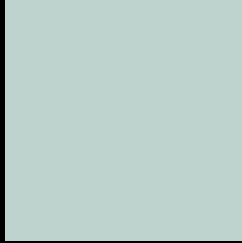
Large Text (above 18pt) WCAG AA × Fail

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, 7.662, 178.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

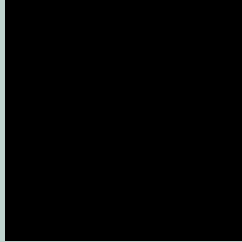
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

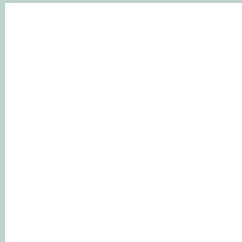
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 7.662, 178.718

Background



This preview shows how black text looks on a background with the CIELCh color 83, 7.662, 178.718.

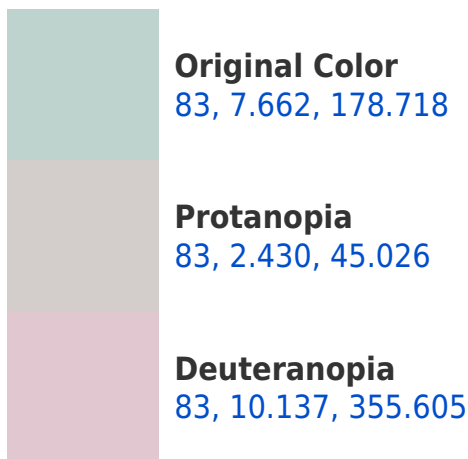


This preview shows how white text looks on a background with the CIELCh color 83, 7.662, 178.718.

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
83, 10.098, 262.416

Trichromacy



Original Color
83, 7.662, 178.718

Protanomaly
83, 1.927, 144.499

Deuteranomaly
83, 3.666, 353.945

Tritanomaly
83, 7.258, 240.228

Monochromacy



Original Color
83, 7.662, 178.718

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 2.754, 176.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 7.662, 178.718 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(191, 211, 206)` looks like.

```
.text, #text, p{  
    color:rgb(191, 211, 206)  
}
```

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(191, 211, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 211, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 7.662, 178.718 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(191, 211, 206) }
```

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

```
.border{ border-color:rgb(191, 211, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 211, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 211, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 211, 206);  
box-shadow:4px 4px 4px 4px rgb(191, 211,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 7.662, 178.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 211, 206) }
```

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

```
.background{ background-color: rgb(191,  
211, 206) }
```

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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