

Converting Colors

CIELCh(83, 13.554, 143.879)

Have a look what the booklet for
CIELCh(83, 13.554, 143.879)
contains.

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Color

CIELCh(83, 13.566, 143.876)

Conversions

Conversions Part 1

Format	Color
Hex	BFD4BF
RGB	191, 212, 191
RGB Percent	75%, 83%, 75%
CMY	0.2496, 0.1672, 0.2496
CMYK	0.10, 0.00, 0.10, 0.17
HSL	120°, 20%, 79%
HSV	120°, 10%, 83%
XYZ	54.6482, 62.1629, 58.6096
YIQ	203.3270, -5.7750, -10.9830

Conversions

Conversions Part 2

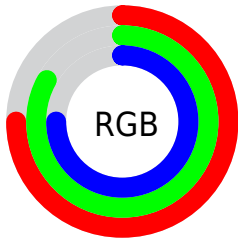
Format	Color
RYB	191, 212, 212
Decimal	12571839
CIELab	83.00, -10.96, 8.00
CIELCh	83, 13.566, 143.876
Yxy	62.1629, 0.3115, 0.3544
Android (android.graphics.Color)	4290761919 (0xFFBFD4BF)
YUV	203.3270, -6.0772, -10.8108
Hunter-Lab	78.8435, -14.2536, 11.1162

Details

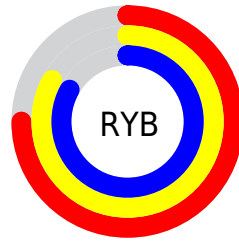
The CIELCh color **83, 13.566, 143.876** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 13.588, 324.962**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 4.960, 144.327**, and **63, 13.223, 145.060** is the 20% darker color. If you saturate the color by 10%, you get **81, 27.403, 143.171**, and if you desaturate by 10%, it is **85, 0.154, 322.696**.

Distribution



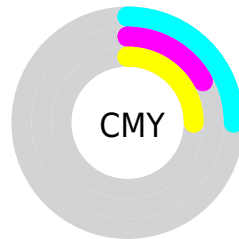
- Red (75%)
- Green (83%)
- Blue (75%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (17%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 13.566, 143.876 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, 13.566, 143.876 by changing the saturation by 10% instead.


 83, 13.566,
143.876


 83, 13.566,
143.876


 100, 13.566,
143.876


 73, 13.566,
143.876

 63, 13.566,
143.876

 53, 13.566,
143.876

 43, 13.566,
143.876

 33, 13.566,
143.876

 23, 13.566,
143.876

 13, 13.566,

143.876

■ 3, 13.566, 143.876

■ 0, 13.566, 143.876

■ 83, 13.566,
143.876

■ 83, 13.566,
143.876

■ 81, 27.403,
143.171

■ 85, 0.154, 322.696

■ 80, 41.153,
142.354

■ 87, 13.626,
324.925

■ 78, 54.554,
141.415

■ 90, 26.722,
325.355

■ 77, 67.263,
140.363

■ 76, 78.854,

139.235

■ 75, 88.816,
138.110

■ 75, 96.591,
137.117

■ 75, 101.701,
136.404

■ 74, 104.309,
136.019

Harmonies

Complementary

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



83, 13.566, 143.876



80, 13.588, 324.962

Rectangle

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



83, 13.566, 143.876



83, 13.566, 193.876



83, 13.566, 323.876



83, 13.566, 13.876

Sweetspot

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



83, 13.568, 143.876



99, 4.742, 144.337



84, 10.826, 108.542



53, 3.599, 144.277



0, 0.000, 0.000



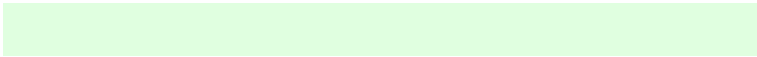
53, 0.007, 296.813

Same Dimension

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



83, 13.568, 143.876



97, 19.118, 143.727



83, 9.567, 161.990



44, 7.836, 143.907



61, 88.725, 136.016



14, 32.164, 141.113

Inverse Universe

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



80, 13.588, 324.962



93, 19.141, 325.088



79, 9.685, 343.537



42, 7.847, 324.936



41, 85.606, 328.231



6, 32.951, 328.042

Previews

White Background



This preview shows how the CIELCh color 83, 13.566, 143.876 looks on a white background.

Color Contrast Check

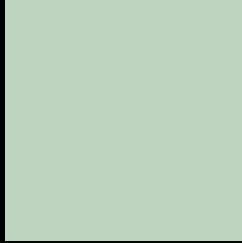
Large Text (above 18pt) WCAG AA × Fail

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, 13.566, 143.876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

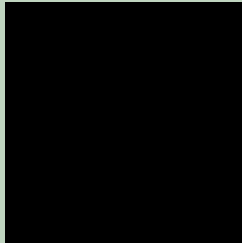
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

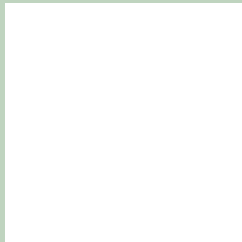
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 13.566, 143.876

Background



This preview shows how black text looks on a background with the CIELCh color 83, 13.566, 143.876.



This preview shows how white text looks on a background with the CIELCh color 83, 13.566, 143.876.

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, 13.566, 143.876

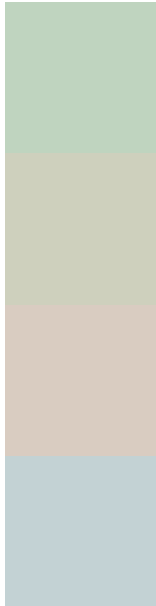
Protanopia
83, 9.935, 91.604

Deuteranopia
83, 12.424, 32.441



Tritanopia
83, 9.198, 266.422

Trichromacy



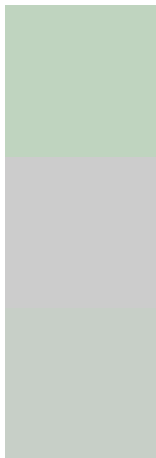
Original Color
83, 13.566, 143.876

Protanomaly
83, 10.030, 113.582

Deuteranomaly
83, 7.568, 69.441

Tritanomaly
83, 5.402, 210.433

Monochromacy



Original Color
83, 13.566, 143.876

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 5.164, 144.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 13.566, 143.876 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, 212, 191)` looks like.

```
.text, #text, p{  
    color:rgb(191, 212, 191)  
}
```

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, 212, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 212, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 13.566, 143.876 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, 212, 191) }
```

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

```
.border{ border-color:rgb(191, 212, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 212, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 212, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 212, 191);  
box-shadow:4px 4px 4px 4px rgb(191, 212,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 13.566, 143.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 212, 191) }
```

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

```
.background{ background-color: rgb(191,  
212, 191) }
```

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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