

Converting Colors

CIELCh(83, 19.738, 133.348)

Have a look what the booklet for
CIELCh(83, 19.738, 133.348)
contains.

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Color

CIELCh(83, 19.736, 133.346)

Conversions

Conversions Part 1

Format	Color
Hex	BFD5B3
RGB	191, 213, 179
RGB Percent	75%, 84%, 70%
CMY	0.2496, 0.1633, 0.2967
CMYK	0.10, 0.00, 0.16, 0.16
HSL	99°, 29%, 77%
HSV	99°, 16%, 84%
XYZ	53.6337, 62.1629, 52.0064
YIQ	202.5460, -2.1980, -15.2380

Conversions

Conversions Part 2

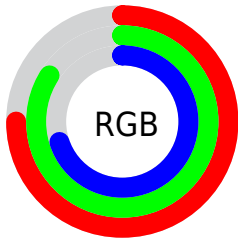
Format	Color
RYB	179, 213, 201
Decimal	12572083
CIELab	83.00, -13.55, 14.35
CIElCh	83, 19.736, 133.346
Yxy	62.1629, 0.3196, 0.3705
Android (android.graphics.Color)	4290762163 (0xFFBFD5B3)
YUV	202.5460, -11.6082, -10.1258
Hunter-Lab	78.8435, -16.5505, 16.0818

Details

The CIELCh color **83, 19.736, 133.346** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **76, 20.030, 314.699**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 10.463, 123.259**, and **63, 19.698, 133.455** is the 20% darker color. If you saturate the color by 10%, you get **82, 32.139, 132.855**, and if you desaturate by 10%, it is **84, 7.328, 133.812**.

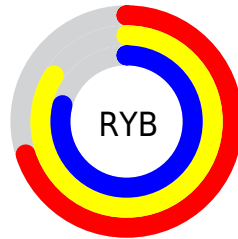
Distribution



Red (75%)

Green (84%)

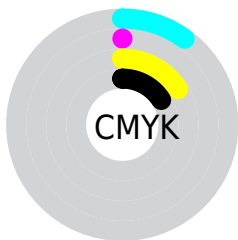
Blue (70%)



Red (70%)

Yellow (84%)

Blue (79%)

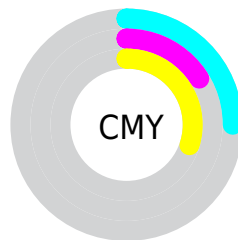


Cyan (10%)

Magenta (0%)

Yellow (16%)

Black (16%)



Cyan (25%)


Magenta (16%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 19.736, 133.346 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, 19.736, 133.346 by changing the saturation by 10% instead.


 83, 19.736,
133.346


 83, 19.736,
133.346


 100, 19.736,
133.346


 73, 19.736,
133.346

 63, 19.736,
133.346

 53, 19.736,
133.346

 43, 19.736,
133.346

 33, 19.736,
133.346

 23, 19.736,
133.346

 13, 19.736,

133.346

■ 3, 19.736, 133.346

■ 0, 19.736, 133.346

■ 83, 19.736,
133.346

■ 83, 19.736,
133.346

■ 82, 32.139,
132.855

■ 84, 7.328, 133.812

■ 80, 44.396,
132.337

■ 86, 4.996, 314.159

■ 88, 17.165,
314.543

■ 79, 56.319,
131.821

■ 89, 24.628,
319.468

■ 78, 67.640,
131.353

■ 90, 26.087,
325.333

■ 78, 77.988,

131.010

■ 77, 86.880,
130.904

■ 76, 93.781,
131.166

■ 76, 98.332,
131.884

■ 76, 99.739,
132.219

Harmonies

Complementary

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



83, 19.736, 133.346



76, 20.030, 314.699

Rectangle

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



83, 19.736, 133.346



83, 19.736, 183.346



83, 19.736, 313.346



83, 19.736, 3.346

Sweetspot

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



83, 19.738, 133.348



99, 7.122, 133.855



81, 12.349, 86.321



53, 4.861, 133.821



0, 0.000, 0.000



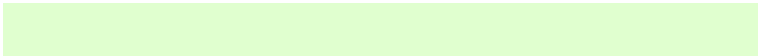
53, 0.007, 296.813

Same Dimension

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



83, 19.738, 133.348



97, 27.200, 133.191



82, 20.068, 147.275



44, 7.034, 133.652



62, 84.303, 132.003



15, 29.086, 133.596

Inverse Universe

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



76, 20.030, 314.699



87, 27.680, 314.844



77, 20.113, 329.239



42, 7.102, 314.411



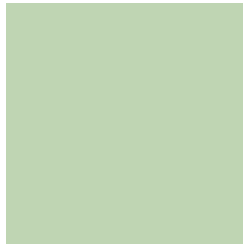
30, 89.576, 315.807



4, 30.176, 314.546

Previews

White Background



This preview shows how the CIELCh color 83, 19.736, 133.346 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, 19.736, 133.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

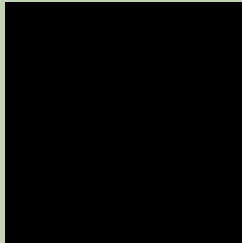
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

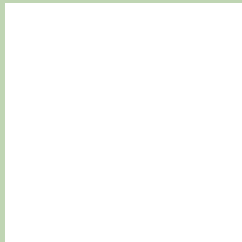
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 19.736, 133.346

Background



This preview shows how black text looks on a background with the CIELCh color 83, 19.736, 133.346.

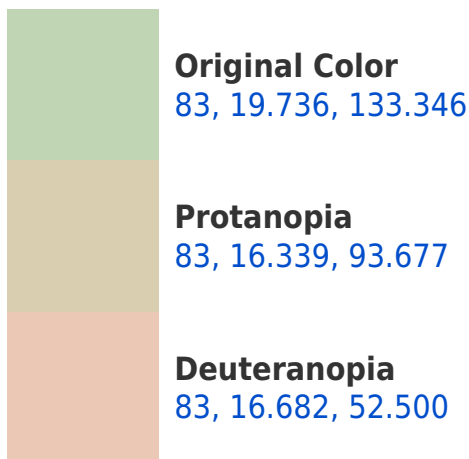


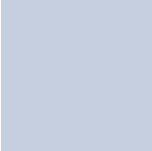
This preview shows how white text looks on a background with the CIELCh color 83, 19.736, 133.346.

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](#).

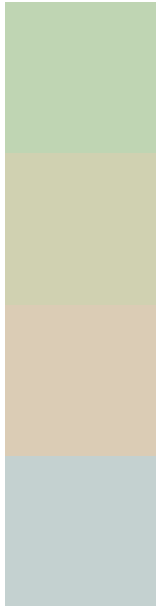
Dichromacy





Tritanopia
83, 9.453, 271.670

Trichromacy



Original Color
83, 19.736, 133.346

Protanomaly
83, 16.802, 110.008

Deuteranomaly
83, 13.423, 83.650

Tritanomaly
83, 4.690, 192.700

Monochromacy



Original Color
83, 19.736, 133.346

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 7.495, 132.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 19.736, 133.346 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, 213, 179)` looks like.

```
.text, #text, p{  
    color:rgb(191, 213, 179)  
}
```

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, 213, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 213, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 19.736, 133.346 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, 213, 179) }
```

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

```
.border{ border-color:rgb(191, 213, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 213, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 213, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 213, 179); box-shadow:4px 4px 4px 4px rgb(191, 213, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 19.736, 133.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 213, 179) }
```

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

```
.background{ background-color: rgb(191,  
213, 179) }
```

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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