

Converting Colors

CIELCh(83, 23.084, 130.687)

Have a look what the booklet for
CIELCh(83, 23.084, 130.687)
contains.

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Color

CIElCh(83, 23.240, 130.328)

Conversions

Conversions Part 1

Format	Color
Hex	BFD6AD
RGB	191, 214, 173
RGB Percent	75%, 84%, 68%
CMY	0.2511, 0.1609, 0.3217
CMYK	0.11, 0.00, 0.19, 0.16
HSL	94°, 33%, 76%
HSV	94°, 19%, 84%
XYZ	53.0543, 62.1629, 48.7204
YIQ	202.4490, -0.5470, -17.6270

Conversions

Conversions Part 2

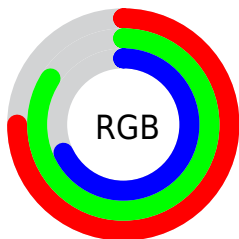
Format	Color
RYB	173, 214, 196
Decimal	12572333
CIELab	83.00, -15.04, 17.72
CIELCh	83, 23.240, 130.328
Yxy	62.1629, 0.3236, 0.3792
Android (android.graphics.Color)	4290762413 (0xFFBFD6AD)
YUV	202.4490, -14.5184, -10.0408
Hunter-Lab	78.8435, -17.8623, 18.5529

Details

The CIELCh color **83, 23.240, 130.328** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **74, 23.772, 312.013**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.431, 120.026**, and **63, 22.869, 130.735** is the 20% darker color. If you saturate the color by 10%, you get **82, 35.328, 129.845**, and if you desaturate by 10%, it is **84, 11.093, 130.795**.

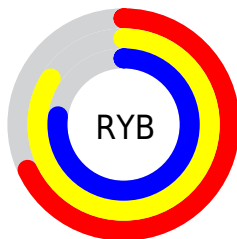
Distribution



Red (75%)

Green (84%)

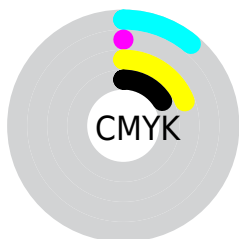
Blue (68%)



Red (68%)

Yellow (84%)

Blue (77%)

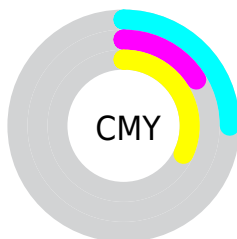


Cyan (11%)

Magenta (0%)

Yellow (19%)

Black (16%)



Cyan (25%)


Magenta (16%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 23.240, 130.328 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, 23.240, 130.328 by changing the saturation by 10% instead.


 83, 23.240,
130.328


 83, 23.240,
130.328


 100, 23.240,
130.328


 73, 23.240,
130.328

 63, 23.240,
130.328

 53, 23.240,
130.328

 43, 23.240,
130.328

 33, 23.240,
130.328

 23, 23.240,
130.328

 13, 23.240,

130.328

■ 3, 23.240, 130.328

■ 0, 23.240, 130.328

■ 83, 23.240,
130.328

■ 83, 23.240,
130.328

■ 82, 35.328,
129.845

■ 84, 11.093,
130.795

■ 81, 47.211,
129.358

■ 86, 1.021, 311.064

■ 80, 58.693,
128.902

■ 87, 13.032,
311.580

■ 79, 69.489,
128.537

■ 89, 23.173,
313.490

■ 78, 79.202,

■ 90, 24.980,
322.558

128.353

90, 25.708,
325.320

77, 87.332,
128.469

77, 93.379,
129.014

76, 97.278,
129.992

76, 97.567,
130.073

Harmonies

Complementary

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



83, 23.240, 130.328



74, 23.772, 312.013

Rectangle

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



83, 23.240, 130.328



83, 23.240, 180.328



83, 23.240, 310.328



83, 23.240, 0.328

Sweetspot

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



83, 23.242, 130.330



99, 8.364, 130.937



80, 13.974, 78.169



53, 5.550, 130.907



0, 0.000, 0.000



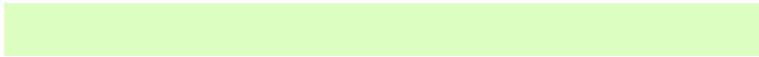
53, 0.007, 296.813

Same Dimension

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



83, 23.242, 130.330



96, 32.160, 130.135



82, 25.662, 144.574



44, 6.878, 130.783



62, 82.287, 129.828



15, 28.306, 131.047

Inverse Universe

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



74, 23.772, 312.013



84, 33.054, 312.208



75, 25.690, 326.874



42, 6.960, 311.561



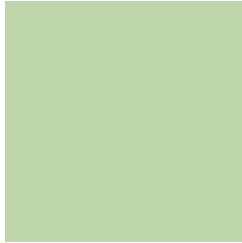
28, 91.179, 313.439



3, 29.425, 310.899

Previews

White Background



This preview shows how the CIELCh color 83, 23.240, 130.328 looks on a white background.

Color Contrast Check

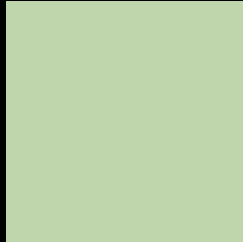
Large Text (above 18pt) WCAG AA × Fail

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, 23.240, 130.328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

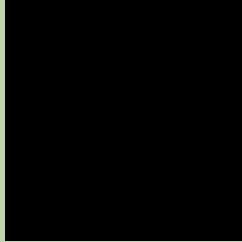
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 23.240, 130.328

Background



This preview shows how black text looks on a background with the CIELCh color 83, 23.240, 130.328.



This preview shows how white text looks on a background with the CIELCh color 83, 23.240, 130.328.

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](#).

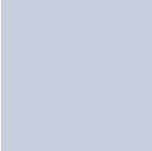
Dichromacy



Original Color
83, 23.240, 130.328

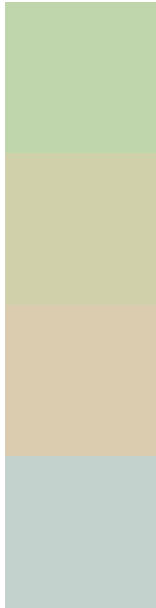
Protanopia
83, 20.004, 94.864

Deuteranopia
83, 19.348, 58.677



Tritanopia
83, 8.852, 272.578

Trichromacy



Original Color
83, 23.240, 130.328

Protanomaly
83, 20.452, 109.462

Deuteranomaly
83, 16.502, 86.677

Tritanomaly
83, 5.725, 171.606

Monochromacy



Original Color
83, 23.240, 130.328

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 8.485, 129.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 23.240, 130.328 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, 214, 173)` looks like.

```
.text, #text, p{  
    color:rgb(191, 214, 173)  
}
```

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, 214, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 214, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 23.240, 130.328 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, 214, 173) }
```

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

```
.border{ border-color:rgb(191, 214, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 214, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 214, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 214, 173);  
box-shadow:4px 4px 4px 4px rgb(191, 214,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 23.240, 130.328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 214, 173) }
```

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

```
.background{ background-color: rgb(191,  
214, 173) }
```

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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