

Converting Colors

CIELCh(83, 16.095, 132.162)

Have a look what the booklet for
CIELCh(83, 16.095, 132.162)
contains.

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Color

CIELCh(83, 16.080, 132.165)

Conversions

Conversions Part 1

Format	Color
Hex	C3D4B8
RGB	195, 212, 184
RGB Percent	76%, 83%, 72%
CMY	0.2352, 0.1685, 0.2783
CMYK	0.08, 0.00, 0.13, 0.17
HSL	96°, 25%, 78%
HSV	96°, 13%, 83%
XYZ	54.7129, 62.1629, 54.4732
YIQ	203.7250, -1.1440, -12.3120

Conversions

Conversions Part 2

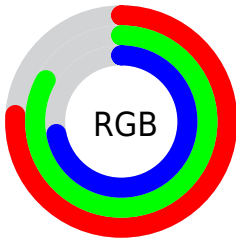
Format	Color
RYB	184, 212, 201
Decimal	12833976
CIELab	83.00, -10.79, 11.92
CIELCh	83, 16.080, 132.165
Yxy	62.1629, 0.3193, 0.3628
Android (android.graphics.Color)	4291024056 (0xFFC3D4B8)
YUV	203.7250, -9.7244, -7.6518
Hunter-Lab	78.8435, -14.1073, 14.2268

Details

The CIELCh color **83, 16.080, 132.165** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **77, 16.308, 313.272**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 7.681, 117.596**, and **63, 15.834, 132.298** is the 20% darker color. If you saturate the color by 10%, you get **82, 28.289, 131.691**, and if you desaturate by 10%, it is **84, 3.886, 132.634**.

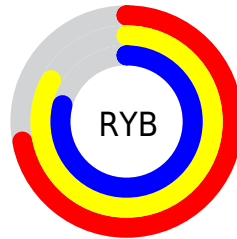
Distribution



Red (76%)

Green (83%)

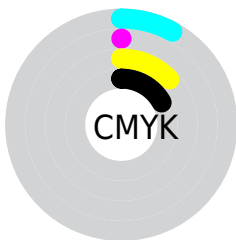
Blue (72%)



Red (72%)

Yellow (83%)

Blue (79%)

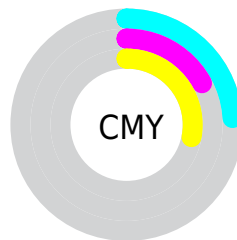


Cyan (8%)

Magenta (0%)

Yellow (13%)

Black (17%)



Cyan (24%)


Magenta (17%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 16.080, 132.165 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, 16.080, 132.165 by changing the saturation by 10% instead.


 83, 16.080,
132.165


 83, 16.080,
132.165


 100, 16.080,
132.165


 73, 16.080,
132.165


 63, 16.080,
132.165

 53, 16.080,
132.165

 43, 16.080,
132.165

 33, 16.080,
132.165

 23, 16.080,
132.165

 13, 16.080,

132.165

■ 3, 16.080, 132.165

■ 0, 16.080, 132.165

■ 83, 16.080,
132.165

■ 83, 16.080,
132.165

■ 82, 28.289,
131.691

■ 84, 3.886, 132.634

■ 80, 40.390,
131.193

■ 86, 8.217, 312.967

■ 79, 52.220,
130.696

■ 88, 20.168,
313.331

■ 78, 63.543,
130.240

■ 89, 25.465,
319.638

■ 78, 74.029,

■ 90, 26.933,
325.362

129.897

■ 77, 83.233,
129.768

■ 76, 90.629,
129.982

■ 76, 95.786,
130.650

■ 75, 98.204,
131.287

Harmonies

Complementary

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



83, 16.080, 132.165



77, 16.308, 313.272

Rectangle

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



83, 16.080, 132.165



83, 16.080, 182.165



83, 16.080, 312.165



83, 16.080, 2.165

Sweetspot

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



83, 16.082, 132.167



99, 5.633, 132.590



81, 9.843, 83.710



53, 4.006, 132.553



0, 0.000, 0.000



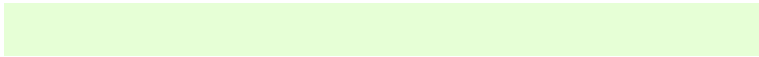
53, 0.007, 296.813

Same Dimension

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



83, 16.082, 132.167



97, 22.644, 132.029



82, 16.916, 146.456



44, 6.960, 132.340



62, 83.401, 131.062



15, 28.728, 132.469

Inverse Universe

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



77, 16.308, 313.272



89, 23.028, 313.405



78, 16.946, 328.018



42, 7.034, 313.104



29, 90.301, 314.670



4, 29.823, 312.868

Previews

White Background



This preview shows how the CIELCh color 83, 16.080, 132.165 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, 16.080, 132.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

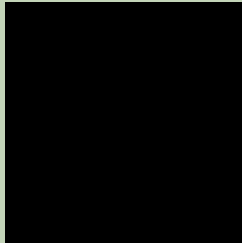
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 16.080, 132.165

Background



This preview shows how black text looks on a background with the CIELCh color 83, 16.080, 132.165.



This preview shows how white text looks on a background with the CIELCh color 83, 16.080, 132.165.

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](#).

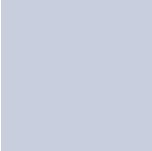
Dichromacy



Original Color
83, 16.080, 132.165

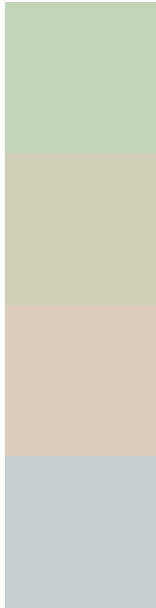
Protanopia
83, 13.695, 92.751

Deuteranopia
83, 14.921, 45.197



Tritanopia
83, 9.129, 279.946

Trichromacy



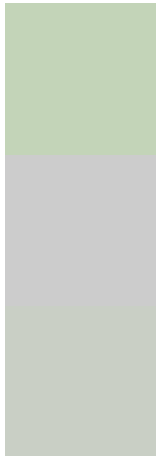
Original Color
83, 16.080, 132.165

Protanomaly
83, 13.667, 108.973

Deuteranomaly
83, 11.278, 76.564

Tritanomaly
83, 3.259, 208.690

Monochromacy



Original Color
83, 16.080, 132.165

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 5.737, 132.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 16.080, 132.165 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(195, 212, 184)` looks like.

```
.text, #text, p{  
    color:rgb(195, 212, 184)  
}
```

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(195, 212, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 212, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 16.080, 132.165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

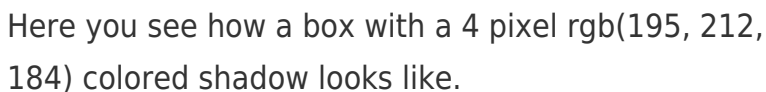
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 212, 184) }
```

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

```
.border{ border-color:rgb(195, 212, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 212, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 212, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 212, 184); box-shadow:4px 4px 4px 4px rgb(195, 212, 184) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 16.080, 132.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 212, 184) }
```

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

```
.background{ background-color: rgb(195,  
212, 184) }
```

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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