

Converting Colors

CIELCh(83, 5.204, 79.187)

Have a look what the booklet for
CIELCh(83, 5.204, 79.187) contains.

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Color

CIELCh(83, 5.389, 80.865)

Conversions

Conversions Part 1

Format	Color
Hex	D5CEC5
RGB	213, 206, 197
RGB Percent	84%, 81%, 77%
CMY	0.1656, 0.1930, 0.2283
CMYK	0.00, 0.03, 0.08, 0.17
HSL	34°, 16%, 80%
HSV	34°, 8%, 83%
XYZ	59.4401, 62.1629, 61.5506
YIQ	207.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

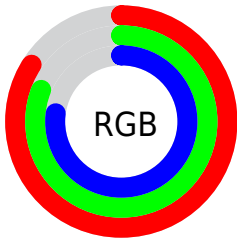
Format	Color
RYB	209, 213, 197
Decimal	14012101
CIELab	83.00, 0.86, 5.32
CIELCh	83, 5.389, 80.865
Yxy	62.1629, 0.3245, 0.3394
Android (android.graphics.Color)	4292202181 (0xFFD5CEC5)
YUV	207.0670, -4.9630, 5.2032
Hunter-Lab	78.8435, -3.4049, 8.9046

Details

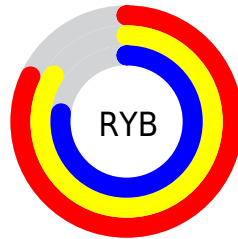
The CIELCh color **83, 5.389, 80.865** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 5.341, 262.945**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **63, 5.534, 84.201** is the 20% darker color. If you saturate the color by 10%, you get **80, 12.797, 79.635**, and if you desaturate by 10%, it is **86, 1.759, 262.392**.

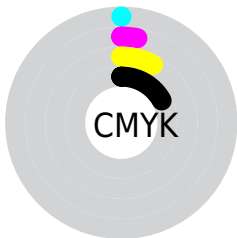
Distribution



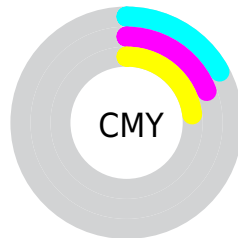
- Red (84%)
- Green (81%)
- Blue (77%)



- Red (82%)
- Yellow (84%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (17%)



- Cyan (17%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 5.389, 80.865 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, 5.389, 80.865 by changing the saturation by 10% instead.

■ 83, 5.389, 80.865

■ 83, 5.389, 80.865

■ 100, 5.389, 80.865

■ 73, 5.389, 80.865

■ 63, 5.389, 80.865

■ 53, 5.389, 80.865

■ 43, 5.389, 80.865

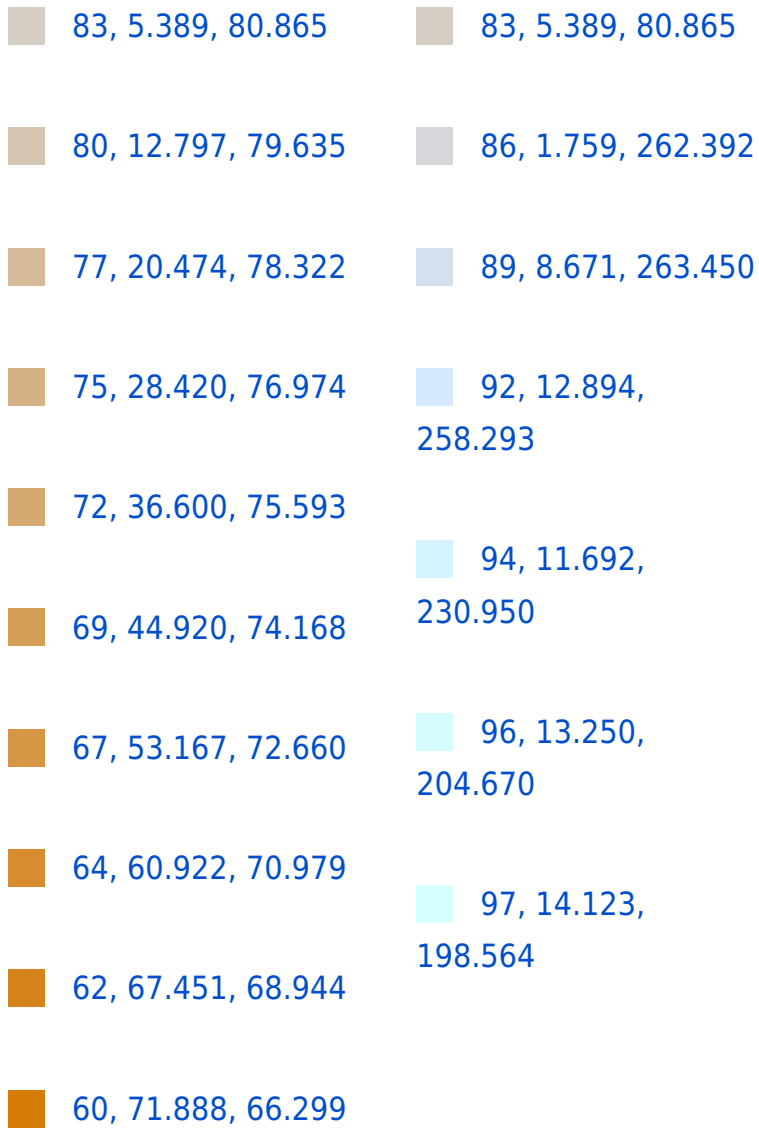
■ 33, 5.389, 80.865

■ 23, 5.389, 80.865

■ 13, 5.389, 80.865

■ 3, 5.389, 80.865

■ 0, 5.389, 80.865



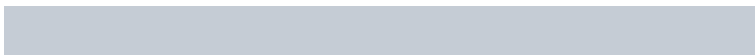
Harmonies

Complementary

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



83, 5.389, 80.865



82, 5.341, 262.945

Rectangle

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



83, 5.389, 80.865



83, 5.389, 130.865



83, 5.389, 260.865



83, 5.389, 310.865

Sweetspot

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



83, 5.390, 80.889



99, 1.638, 81.411



81, 7.033, 347.024



53, 0.931, 81.411



0, 0.000, 0.000



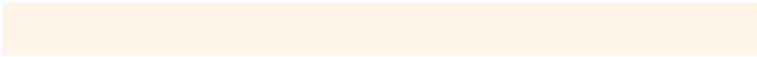
53, 0.007, 296.813

Same Dimension

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



83, 5.390, 80.889



97, 7.496, 80.699



85, 8.388, 111.479



44, 4.106, 80.659



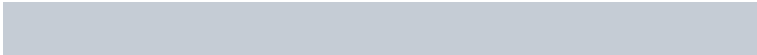
48, 61.775, 66.224



10, 17.206, 66.782

Inverse Universe

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



82, 5.341, 262.945



95, 7.405, 263.157



80, 8.543, 292.848



43, 4.053, 263.203



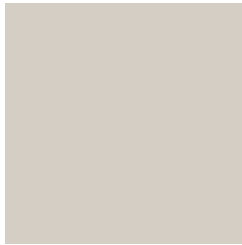
34, 60.088, 289.375



6, 18.753, 278.182

Previews

White Background



This preview shows how the CIELCh color 83, 5.389, 80.865 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, 5.389, 80.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

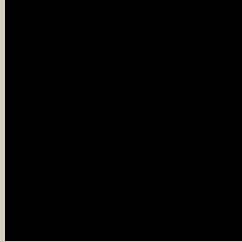
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

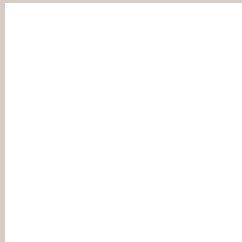
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 5.389, 80.865

Background



This preview shows how black text looks on a background with the CIELCh color 83, 5.389, 80.865.

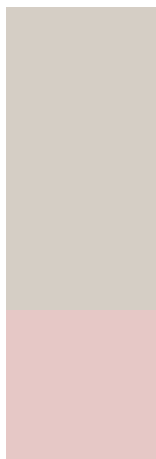


This preview shows how white text looks on a background with the CIELCh color 83, 5.389, 80.865.

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, 5.389, 80.865

Protanopia

83, 5.389, 80.865

Deuteranopia

83, 11.333, 25.522



Tritanopia
83, 9.251, 321.062

Trichromacy



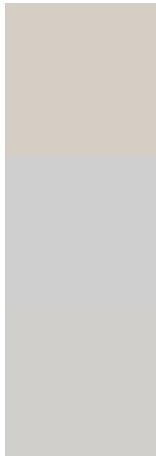
Original Color
83, 5.389, 80.865

Protanomaly
83, 5.389, 80.865

Deuteranomaly
83, 8.501, 34.244

Tritanomaly
83, 5.133, 341.603

Monochromacy



Original Color
83, 5.389, 80.865

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 2.217, 90.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 5.389, 80.865 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(213, 206, 197)` looks like.

```
.text, #text, p{  
    color:rgb(213, 206, 197)  
}
```

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(213, 206, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 206, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 5.389, 80.865 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(213, 206, 197) }
```

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

```
.border{ border-color:rgb(213, 206, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 206, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 206, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 206, 197);  
box-shadow:4px 4px 4px 4px rgb(213, 206,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 5.389, 80.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 206, 197) }
```

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

```
.background{ background-color: rgb(213,  
206, 197) }
```

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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